

SEQUENCE LISTING

<110> Abuin, Alejandro
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Murine Polynucleotide Sequences
and Mutant Cells and Mutant Animals Defined Thereby

<130> LEX-0191-USA

<150> US 60/211,230

<151> 2000-06-12

<160> 1209

<170> FastSEQ for Windows Version 4.0

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<223> n = A,T,C or G

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ctgtatcctg accacctcaa aaaaaaaaaa	149

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tgtgaatggt ggaccccaaa tgatnatgac cacaccgcaa aaaattgccca nttcaagaag	180
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<223> n = A,T,C or G

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cttcataact gcatgcagaa tattaaaatt gagctttgat cagaaaaaaa aaa 113

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ccagaaatgc tngactnct nntactagt tccaccanta ctctctctat tcttctncc 180
actantacta ctaatnctga ggatataagg aaaact 216

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<213> Mus musculus

<400> 5
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aaaaa 125

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<212> DNA
<213> Mus musculus

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ccataaaaaa aaaa 134

<210> 7
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<213> Mus musculus

<400> 7
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aaaaa 125

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<223> n = A,T,C or G

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aaaa 124

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 tcttggggcc aaaaaaataa ctcgatnana taaagacact ggccaagcnt gacctccaaa 180
 ntttggccct tgcataaagg aaaaaattaa ttccttca 218

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 <212> DNA
 <213> Mus musculus

<400> 10
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 aaaaaaaaaa 130

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<220>
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 ataaaaaaaa aa 132

<210> 12
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 <212> DNA
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 aactcttgct cttttggaac cataagccaa ataaaccctt cttccataa aaaaaaaa 118

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 <212> DNA
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<400> 13
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aaaaaaaaa 128

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 <222> (1)...(125)
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<400> 15
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 aaaaa 125

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 <223> n = A,T,C or G

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 tctggtgtga tntgaatgaa aatatatctt gt 152

<210> 17
 <211> 151
 <212> DNA
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<400> 17
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<400> 18
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 a 121

<210> 19
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 19
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 ggaactggcg acttactg 138

<210> 20
 <211> 130
 <212> DNA
 <213> Mus musculus

<400> 20
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 aaaaaaaaaa 130

<210> 21
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 <212> DNA
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<400> 21
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<210> 22
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 <212> DNA
 <213> Mus musculus

<400> 22
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 aaaaaa 126

<210> 23
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 <212> DNA
 <213> Mus musculus

<400> 23
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 ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
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<210> 24
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<400> 24
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<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(123)
<223> n = A,T,C or G

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<211> 119
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(119)
<223> n = A,T,C or G

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<210> 27
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<223> n = A,T,C or G

<400> 27
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aactgtatcc tgacca                               136

<210> 28
<211> 128
<212> DNA
<213> Mus musculus

<400> 28
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taccaggaca gactcttgtg cttttggaac cataagccaa ataaaccctt cttccataa    120
aaaaaaaa                                         128

<210> 29
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<212> DNA
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aaaaaa 126

<210> 30
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<212> DNA
<213> Mus musculus

<400> 30
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actgtatcct gacca 135

<210> 31
<211> 119
<212> DNA
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<400> 31
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<210> 32
<211> 126
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<213> Mus musculus

<400> 32
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aaaaaa 126

<210> 33
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<212> DNA
<213> Mus musculus

<400> 33
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 34
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<212> DNA
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<220>
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<222> (1)...(116)
<223> n = A,T,C or G

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<210> 35
<211> 120
<212> DNA
<213> Mus musculus

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<400> 35
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 <213> Mus musculus

<220>
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 <222> (1)...(123)
 <223> n = A,T,C or G

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 aaa 123

<210> 37
 <211> 149
 <212> DNA
 <213> Mus musculus

<400> 37
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 tgtgaatgaa aatatactct gtctactga 149

<210> 38
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 38
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 ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttc ttccataaaa 120
 aaaaaa 126

<210> 39
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 39
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 aaa 123

<210> 40
 <211> 124
 <212> DNA
 <213> Mus musculus

<400> 40
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 gggacagact ctgtgctttt tggaaccata agccaaataa acccttcctt ccataaaaaa 120
 aaaa 124

<210> 41
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 <212> DNA
 <213> Mus musculus

<400> 41
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<210> 42
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 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(118)
 <223> n = A,T,C or G

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<210> 43
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 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(252)
 <223> n = A,T,C or G

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 gctaaccggct ctggcggact antgctaaca atgtggcaac aaaacatcaa naacctggca 180
 tggcacggga tggcttcccc ctntataagc acanactgct agtanacatt gagccttgaa 240
 cagggaaaag aa 252

<210> 44
 <211> 124
 <212> DNA
 <213> Mus musculus

<400> 44
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 aaaa 124

<210> 45
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 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(124)
 <223> n = A,T,C or G

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 aaaa 124

<210> 46
 <211> 111

<212> DNA
 <213> Mus musculus

 <220>
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 <222> (1)...(111)
 <223> n = A,T,C or G

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 <210> 47
 <211> 125
 <212> DNA
 <213> Mus musculus

 <400> 47
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 aaaaa 125

 <210> 48
 <211> 129
 <212> DNA
 <213> Mus musculus

 <400> 48
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 aaaaaaaaa 129

 <210> 49
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 <212> DNA
 <213> Mus musculus

 <400> 49
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 <212> DNA
 <213> Mus musculus

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 aaaaa 125

 <210> 51
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 <212> DNA
 <213> Mus musculus

 <400> 51
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 aaaaaa 127

 <210> 52
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<212> DNA
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aaaaaaa 127

<210> 53
<211> 133
<212> DNA
<213> Mus musculus

<400> 53
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aagcaaaaaa aaa 133

<210> 54
<211> 127
<212> DNA
<213> Mus musculus

<400> 54
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aaaaaaa 127

<210> 55
<211> 125
<212> DNA
<213> Mus musculus

<400> 55
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aaaaa 125

<210> 56
<211> 153
<212> DNA
<213> Mus musculus

<400> 56
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caccatgaaa ctcttgtttg attaaaaaaa aaa 153

<210> 57
<211> 153
<212> DNA
<213> Mus musculus

<400> 57
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caccatgaaa ctcttgtttg attaaaaaaa aaa 153

<210> 58
<211> 154
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<213> Mus musculus


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<213> Mus musculus

<400> 70
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<210> 71
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<212> DNA
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<400> 71
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atgtgaatga aaatatatct tgttcactga                               150

<210> 72
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<400> 72
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ccaggacaga ctcttggtgt tttggaacca taagccaaat aaacccttcc ttccataaaa      120
aaaaaa                                                         126

<210> 73
<211> 123
<212> DNA
<213> Mus musculus

<400> 73
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accgtgatgg actataccct agcattccag tcaaaataaa gctaacttgc ccaaaaaaaaa      120
aaa                                                         123

<210> 74
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<212> DNA
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<400> 74
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aaaaaa                                                         126

<210> 75
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<220>
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<223> n = A,T,C or G

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tatgtatata tagaaa                                             136

<210> 76
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<212> DNA
<213> Mus musculus

<400> 76
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<210> 77
<211> 151
<212> DNA
<213> Mus musculus

<400> 77
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cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctgggtg      120
gatgtgaatg aaaatatatc ttgttcactg a      151

<210> 78
<211> 126
<212> DNA
<213> Mus musculus

<400> 78
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aaaaaa      126

<210> 79
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<212> DNA
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<220>
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<223> n = A,T,C or G

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<210> 80
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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

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accaggacag actcttgctg ttttggaacc ataagccaaa taannccttc ctccataaa      120
aaaaaa      127

<210> 81
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<212> DNA
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<220>
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<210> 82
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<220>
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<223> n = A,T,C or G

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<220>
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<210> 84
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
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<223> n = A,T,C or G

<400> 84
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ggcagagaaa tggcgnggct gaagccctgt gggagcccag aagagtgtga gttccacatg      180
ctggacacat taaagagttt atgtatac                                208

<210> 85
<211> 123
<212> DNA
<213> Mus musculus

<400> 85
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ggacagactc ttgtgctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa      120
aaa                                          123

<210> 86

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<211> 122
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<220>
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<400> 86
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<210> 87
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 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
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 <223> n = A,T,C or G

<400> 87
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<210> 88
 <211> 119
 <212> DNA
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<220>
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 <222> (1)..(119)
 <223> n = A,T,C or G

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<210> 89
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<400> 89
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 aaaaaa 127

<210> 90
 <211> 126
 <212> DNA
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<400> 90
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 aaaaaa 126

<210> 91

<211> 150
 <212> DNA
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<400> 91
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 atgtgaatga aaatatatct tgttcactga 150

<210> 92
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 92
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 aaaaaa 126

<210> 93
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 93
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 actgtatcct gacca 135

<210> 94
 <211> 126
 <212> DNA
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<400> 94
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 aaaaaa 126

<210> 95
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 95
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<400> 96
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 aaaaaa 126

<210> 97
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 aaaaaa 126

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 aaaa 124

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<400> 99
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<400> 101
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 aaaaaa 126

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<210> 104
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<212> DNA
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aaaaaa 126

<210> 106
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aaaaaa 126

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aaaaaa 126

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<212> DNA
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<210> 114
<211> 119
<212> DNA
<213> Mus musculus

<400> 114
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<222> (1)...(121)
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<213> Mus musculus

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 <210> 143
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 aaaaaa 126

<210> 152
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 152
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 153
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)..(331)
 <223> n = A,T,C or G

<400> 153
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 ttanngaat gntncaccn nncgntgnac nnacaangan gcanaacnga cgtcanctac 120
 actnagctan tgnanntgna tgcccnttat gctgagtgcg ggccaancgn aatctggcct 180
 gncactagcn tccagtntag ggaggcagga aactgagan taatcaagaa atcaaaggag 240
 tttgcagcgg gctacaacgt caagtttgac atgtacagca agatctgtgt aaatggggac 300
 gatgccacc cactgtggaa atggatgaaa g 331

<210> 154
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 154
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 155
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 155
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 156
 <211> 287
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(287)
<223> n = A,T,C or G

<400> 156
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tgtgaacaaa tagaccgtct ggtattataa aacacaaatg nacanacntn tgngetttct 180
atgctcatcc ttctactcat cctcttacta ctttctgttc catgtgtcgn accttaggct 240
caccocaggn caaccttatt gcctcactca caaaagttat tataata 287

<210> 157
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 157
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ccaggacaga ctcttggtgc ttggaacca taagccaaat aaacccttcc tt 112

<210> 158
<211> 126
<212> DNA
<213> Mus musculus

<400> 158
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ccaggacaga ctcttggtgc ttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 159
<211> 120
<212> DNA
<213> Mus musculus

<400> 159
gaattggata caatgcgact accgatctct tcagggttcc tgctgccagc ctccccacc 60
gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

<210> 160
<211> 126
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<213> Mus musculus

<400> 160
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ccaggacaga ctcttggtgc ttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 161
<211> 126
<212> DNA
<213> Mus musculus

<400> 161
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ccaggacaga ctcttggtgc ttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 162
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 162
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 163
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 163
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 ccagtgtgat gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgtg 120
 atgtgaatga aaatatatct tggttcaactga 150

<210> 164
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 164
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 165
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 165
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 caggacagac tcttgtgctt ttggaaccat aagccaaata aacccttcct tccataaaaa 120
 aaaaa 125

<210> 166
 <211> 101
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 166
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 tcttgggctt ttggaaccat aagccaaata aacccttcct t 101

<210> 167
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 167
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 accaggacag actcttgtgc ttttgggaacc ataagccaaa taaacccttc cttccataaa 120
 aaaaaa 127

098807.1.061301

<210> 168
<211> 127
<212> DNA
<213> Mus musculus

<400> 168
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accaggacag actcttgtgc ttttggaacc ataagccaaa taaacccttc ctccataaa 120
aaaaaaa 127

<210> 169
<211> 126
<212> DNA
<213> Mus musculus

<400> 169
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ccaggacaga ctcttgtgtc tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 170
<211> 126
<212> DNA
<213> Mus musculus

<400> 170
ggcgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgtc tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 171
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 171
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gggggggatg gaaggaaacc ctgcagccac caacacanta nacacaataa actgtatcct 120
gaccacctga aaaa 134

<210> 172
<211> 149
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 172
gacctctatc agcctcgatc cctctaccct gaggcccant gaagccagcc ttcctacgcc 60
cagtgagatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctgggtgtga 120
tgtgaatgaa aatatatctt gttcactga 149

<210> 173
<211> 126
<212> DNA

<213> Mus musculus

<400> 173

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ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgcctcccta    60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa    120
aaaaaa                                126
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<210> 174

<211> 123

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(123)

<223> n = A,T,C or G

<400> 174

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ggacagactc ttgtgctttt ggaaccataa gccaaataaa cccttncttc cataaaaaaa    120
aaa                                123
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<210> 175

<211> 126

<212> DNA

<213> Mus musculus

<400> 175

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa    120
aaaaaa                                126
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<210> 176

<211> 126

<212> DNA

<213> Mus musculus

<400> 176

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa    120
aaaaaa                                126
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<210> 177

<211> 126

<212> DNA

<213> Mus musculus

<400> 177

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa    120
aaaaaa                                126
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<210> 178

<211> 134

<212> DNA

<213> Mus musculus

<400> 178

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aagaggaaag ggggggatgg aaggaaaccc tgcagccacc aacacaataa acacaataaa    120
ctgtatcctg acca                                134
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<210> 179

<211> 119
 <212> DNA
 <213> Mus musculus

 <400> 179
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 agactcttgt gcttttggaa ccataagcca aataaaccct tccttccata aaaaaaaaaa 119

 <210> 180
 <211> 126
 <212> DNA
 <213> Mus musculus

 <400> 180
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

 <210> 181
 <211> 121
 <212> DNA
 <213> Mus musculus

 <400> 181
 gagctctctg cttgctgctc cagtcgctgt gcttgcctgc tgtggtgcct ccctaccagg 60
 acagactctt gtgcttttgg aaccataagc caaataaacc cttccttcca taaaaaaaaa 120
 a 121

 <210> 182
 <211> 139
 <212> DNA
 <213> Mus musculus

 <400> 182
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 ggggggatgg aaggaaaccc tgcagccacc aacacaataa acacaataaa ctgtatcctg 120
 accacctcaa aaaaaaaaaa 139

 <210> 183
 <211> 150
 <212> DNA
 <213> Mus musculus

 <400> 183
 agctttgatt ctgagaaaaga agagtgtgaa acaagaagca aagatcgggt tggaagaggg 60
 caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
 actgtatcct gaccacctca aaaaaaaaaa 150

 <210> 184
 <211> 108
 <212> DNA
 <213> Mus musculus

 <400> 184
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 cttttggaac cataagccaa ataaaccctt ccttccataa aaaaaaaaaa 108

 <210> 185
 <211> 140
 <212> DNA
 <213> Mus musculus

 <400> 185

<210> 192
<211> 123
<212> DNA
<213> Mus musculus

<400> 192
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ggacagactc ttgtgctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa 120
aaa 123

<210> 193
<211> 126
<212> DNA
<213> Mus musculus

<400> 193
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ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 194
<211> 126
<212> DNA
<213> Mus musculus

<400> 194
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ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 195
<211> 128
<212> DNA
<213> Mus musculus

<400> 195
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taccaggaca gactcttgctg cttttggaac cataagccaa ataaaccctt ccttccataa 120
aaaaaaa 128

<210> 196
<211> 154
<212> DNA
<213> Mus musculus

<400> 196
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gagtccccc agcccagtg gacgttcaaa tataaaaccg cacataacaa gaaaagtga 120
gcacatgaa actcttgctt gattaaaaaa aaaa 154

<210> 197
<211> 135
<212> DNA
<213> Mus musculus

<400> 197
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caagaggaaa ggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gacca 135

<210> 198
<211> 126
<212> DNA

<213> Mus musculus

<400> 198

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 199

<211> 126

<212> DNA

<213> Mus musculus

<400> 199

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 200

<211> 126

<212> DNA

<213> Mus musculus

<400> 200

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 201

<211> 145

<212> DNA

<213> Mus musculus

<400> 201

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aactcttggt tgattaaaaa aaaaa 145

<210> 202

<211> 126

<212> DNA

<213> Mus musculus

<400> 202

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 203

<211> 119

<212> DNA

<213> Mus musculus

<400> 203

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<210> 204

<211> 134

<212> DNA

<213> Mus musculus

<400> 204

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aagaggaaag ggggggatgg aaggaaaccc tgcagccacc aacacaataa acacaataaa 120
ctgtatcctg acca 134

<210> 205
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 205
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accctggana caagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga 120
aaatatatct tgttcactga 140

<210> 206
<211> 152
<212> DNA
<213> Mus musculus

<400> 206
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cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt 120
gatgtgaatg aaaatatatc ttgttcactg ag 152

<210> 207
<211> 119
<212> DNA
<213> Mus musculus

<400> 207
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tgatggacta taccctagca ttccagtcaa aataaagcta acttgcccaa aaaaaaaaa 119

<210> 208
<211> 116
<212> DNA
<213> Mus musculus

<400> 208
ttggatacaa tgcgactacc gatctcttca ggttctgtct gccagcctcc cccaccgtga 60
tggactatac cctagcattc cagtcaaaat aaagctaact tgcccaaaaa aaaaaa 116

<210> 209
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 209
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taccctagca ttccagtcaa aataaagcta ncttgcccaa gaaaaaaaa 109

<210> 210
<211> 315
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 210

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ccaaaccaac	caaccaatca	atgagaacca	accaaccaac	caaccaacca	atgagaacca	180
accaatgaga	accaaccaat	gagaaccaac	cccaaggaac	agaggaagca	caagaaggat	240
gacaggaaca	ttttttactt	ttctttctgc	tattgaaggc	gaggcattaa	agttgaagtg	300
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<210> 211

<211> 126

<212> DNA

<213> Mus musculus

<400> 211

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aaaaaa						126

<210> 212

<211> 127

<212> DNA

<213> Mus musculus

<400> 212

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accaggacag	actcttgtgc	ttttggaacc	ataagccaaa	taaacccttc	cttccataaa	120
aaaaaaa						127

<210> 213

<211> 126

<212> DNA

<213> Mus musculus

<400> 213

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<210> 214

<211> 122

<212> DNA

<213> Mus musculus

<400> 214

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aa						122

<210> 215

<211> 127

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(127)

<223> n = A,T,C or G

<400> 215
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 aaaaaaa 127

<210> 216
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 216
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 accaggacag actcttgtgc ttttggaacc ataagccaaa taaacccttc cttccataaa 120
 aaaaaaa 127

<210> 217
 <211> 131
 <212> DNA
 <213> Mus musculus

<400> 217
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 taataaaaaa a 131

<210> 218
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 218
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 cccccaaaggc cagtgaagcag ttcaaatata aaaccgcaca taacaagaaa agtgaagcac 120
 catgaaactc ttgtttgatt aaaaaaaaaa 150

<210> 219
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 219
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 aaaaaa 126

<210> 220
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 220

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aaaaaa                                126

<210> 221
<211> 121
<212> DNA
<213> Mus musculus

<400> 221
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ggatggaagg aaaccctgca gccaccaaca caataaacac aataaactgt atcctgacca    120
a                                121

<210> 222
<211> 130
<212> DNA
<213> Mus musculus

<400> 222
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aaaaaaaaa                            130

<210> 223
<211> 126
<212> DNA
<213> Mus musculus

<400> 223
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aaaaaa                                126

<210> 224
<211> 126
<212> DNA
<213> Mus musculus

<400> 224
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa    120
aaaaaa                                126

<210> 225
<211> 126
<212> DNA
<213> Mus musculus

<400> 225
gggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgccctcccta    60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa    120
aaaaaa                                126

<210> 226
<211> 127
<212> DNA
<213> Mus musculus

<400> 226
aggtgtgagc tctctgcttg ctgctccagt cgctgtgctt gcctgctgtg gtgcctccct    60
accaggacag actcttgtgc ttttggaacc ataagccaaa taaacccttc cttccataaa    120
aaaaaa                                127

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<210> 227
<211> 126
<212> DNA
<213> Mus musculus

<400> 227
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 228
<211> 126
<212> DNA
<213> Mus musculus

<400> 228
gggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgttg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 229
<211> 127
<212> DNA
<213> Mus musculus

<400> 229
agggtgtgagc tctctgcttg ctgctccagt cgtgtgcttg gctgctgttg gtgectccct 60
accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaa 127

<210> 230
<211> 127
<212> DNA
<213> Mus musculus

<400> 230
agggtgtgagc tctctgcttg ctgctccagt cgtgtgcttg gctgctgttg gtgectccct 60
accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaa 127

<210> 231
<211> 419
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G

<400> 231
aggtagtggt tacaangnaa cataacttcaa cgncataggg naatgtaaca cacgggcggn 60
aacattcact gttctgncaa atccancgtc tttgtagtca gttctgtagg tcaggtagna 120
gttcaactggt ttcaagggtc gtaaaatggt aattggttga tagtagtgct tgtctagcac 180
gcatgtaagt ccaggttca agcctcagca gcatagnaaa caaacaaca aaactcagggn 240
acataccgac tcacacttgg taatcccagc attgggtaac agtaacacag gtagggatta 300
ctgtgtagct ggttagccag ccaggacta catagcaagg acccctccta tccctctaaa 360
atttctgttt taaaaaaggg aattcatitt attttaataa gtttttatta ttccctttta 419

<210> 232
<211> 391
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 232
 aggtgttcgt gctgcaccaa ccaccacaac cacaacccac tgtaatactg gcagtaggna 60
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 tcaccatata ctgtttgttg cgggtagncc togccagctt cttcactggg ttccagtgtgta 180
 ctcacaggta tccactcacc acacatgcac agtatggcgc cgggggacag gggagagcca 240
 cgcagggccg taaatctccg aggcgctaata ccagccagc atatgcttaa ttaggcaagg 300
 tgtgttggtgta cttccacgca cagataattg taaatccatg caggagatg actggttttt 360
 gtgttctaaa atgatgaaat atacatgttt t 391

<210> 233
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 233
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 234
 <211> 151
 <212> DNA
 <213> Mus musculus

<400> 234
 gctttgaatt cttgagaaag aagagtgtga aacaagaagc aaagatcggg ttggaagagg 60
 gcaagaggaa agggggggat ggaaggaaac cctgcagcca ccaacacaat aaacacaata 120
 aactgtatcc tgaccacctc aaaaaaaaaa a 151

<210> 235
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 235
 ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgttg tgccctcccta 60
 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 236
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 236
 ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgttg tgccctcccta 60
 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 237
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 237
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 238
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 238
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 239
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 239
 aggtgtgagc tctctgcttg ctgctccagt cgtgtgcttg gctgctgtg gtgcctccct 60
 accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc cttccataaa 120
 aaaaaa 127

<210> 240
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 240
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 241
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 241
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 cagactcttg tgcttttga accataagcc aaataaaccc ttccttccat aaaaaaaaaa 120

<210> 242
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 242
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 tccctaccag gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc 120
 ataaaaaaaa aa 132

<210> 243
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 243
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 244
 <211> 110
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 244
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cttttgggaa ccataagncc aaataaacc cttcttccat aaaaaaaaaa    110

<210> 245
<211> 119
<212> DNA
<213> Mus musculus

<400> 245
gctctctgct tgctgctcca gtcgctgtgc ttgcctgctg tgggtgcctcc ctaccaggac    60
agactcttgt gcttttggaa ccataagcca aataaaccct tccttccata aaaaaaaaaa    119

<210> 246
<211> 120
<212> DNA
<213> Mus musculus

<400> 246
gatattggat acaatgcgac taccgatctc ttcaggttcc tgetgccagc ctccccacc    60
gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa    120

<210> 247
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 247
gtattggata caatgogact accgatctct tcaggntcct gctgccagcc tccccaccg    60
tgatggacta taccctagca ttccagtcaa aataaagcta acttgcccaa aaaaaaaaaa    119

<210> 248
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 248
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<210> 249
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)

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<223> n = A,T,C or G

<400> 249

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<210> 250

<211> 120

<212> DNA

<213> Mus musculus

<400> 250

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gtgatggact ataccctagc attccagtca aaataaagct aacttgcca aaaaaaaaaa 120

<210> 251

<211> 122

<212> DNA

<213> Mus musculus

<400> 251

agaattggat acaatgcgac taccgatctc ttcaggttcc ctgctgccag cteccccacc 60
cgtgatggga ctatacccta gcattccagt caaataaag ctaacttgcc aaaaaaaaaa 120
aa 122

<210> 252

<211> 138

<212> DNA

<213> Mus musculus

<400> 252

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caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gaccacct 138

<210> 253

<211> 126

<212> DNA

<213> Mus musculus

<400> 253

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 254

<211> 135

<212> DNA

<213> Mus musculus

<400> 254

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caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gacca 135

<210> 255

<211> 126

<212> DNA

<213> Mus musculus

<400> 255

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120

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aaaaaa 126

<210> 256
<211> 138
<212> DNA
<213> Mus musculus

<400> 256
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caagaggaaa ggggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gaccacct                                     138

<210> 257
<211> 126
<212> DNA
<213> Mus musculus

<400> 257
ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa                                             126

<210> 258
<211> 126
<212> DNA
<213> Mus musculus

<400> 258
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa                                             126

<210> 259
<211> 129
<212> DNA
<213> Mus musculus

<400> 259
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ctaccaggac agactcttgt gcttttggaa ccataagcca aataaaccct tccttccata 120
aaaaaaaaa                                         129

<210> 260
<211> 126
<212> DNA
<213> Mus musculus

<400> 260
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa                                             126

<210> 261
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 261

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actcttgtgc ttttgaacc ataagccana taaacccttc ctccataa 109

<210> 262
<211> 126
<212> DNA
<213> Mus musculus

<400> 262
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 263
<211> 101
<212> DNA
<213> Mus musculus

<400> 263
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agactcttgt gcttttggaa ccataagcca aataaaccct t 101

<210> 264
<211> 152
<212> DNA
<213> Mus musculus

<400> 264
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gtcccccaag ccagtgagc agttcaaata taaaaccgca cataacaaga aaagtgaagc 120
accatgaaac tcttgtttga ttaaaaaaaaa aa 152

<210> 265
<211> 127
<212> DNA
<213> Mus musculus

<400> 265
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accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc ctccataaaa 120
aaaaaa 127

<210> 266
<211> 127
<212> DNA
<213> Mus musculus

<400> 266
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ggggggatgg aaggaaacct tgcagccacc aacacaataa acacaataaa ctgtatcctg 120
accacct 127

<210> 267
<211> 126
<212> DNA
<213> Mus musculus

<400> 267
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 268

<211> 151
 <212> DNA
 <213> Mus musculus

<400> 268
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 tcccccaagc ccagtgaagca gttcaaataat aaaaccgcac ataacaagaa aagtgaagca 120
 ccatgaaact cttgtttgat taaaaaaaaa a 151

<210> 269
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 269
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 ccaccgtgat ggactatacc ctagcattcc agtcaaaaata aagctaactt gcccaaaaaa 120
 aaaaa 125

<210> 270
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 270
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaa 126

<210> 271
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 <212> DNA
 <213> Mus musculus

<400> 271
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaa 126

<210> 272
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 272
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaa 126

<210> 273
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 273
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 accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc ctccataaaa 120
 aaaaaa 127

<210> 274
 <211> 544
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 274
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 ggtccgtaag taactgtcna aaaannttct gnggnttnna cttttntntg ngatctgaaa 120
 naatggnatc aacantacca ttgagggcct tactanctac acnttgcagg accttatcag 180
 gaactggata ttnttnggng nattgnantg tangnctgca gncacggcta taccagtgat 240
 acantaaaga gngccctgat gtttcccaen ggggccttct tcctgcgcca tctaagaanc 300
 cgtgtatgca nnagccctcc atctcctttg gccctgaatg agagcaccen gattattctg 360
 ctaanantgc ttngtgaat gccatntccc tcacatctgg agnngctaaa ggccttganc 420
 acatggtcac tgcccaacga gtggnagaaa agctngcatt tgcnataatg gaacctgcat 480
 gcatgtagnn ccttgaanng gagactgnct aaatgccntc ccaagccaag gaacttgctt 540
 agg 544

<210> 275
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 275
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 accaggacag actcttgtgc ttttgggaacc ataagccaaa taaacccttc ctccataaaa 120
 aaaaaaa 127

<210> 276
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 276
 gatattggat acaatgagac taccgatctc ttcaggttcc tgctgccagc ctccccacc 60
 gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

<210> 277
 <211> 129
 <212> DNA
 <213> Mus musculus

<400> 277
 aaaggtgtga gctctctgct tgctgctcca gtcgctgtgc ttgcctgctg tgggtgcctcc 60
 ctaccaggac agactcttgt gcttttggaa ccataagcca aataaaccct tccttccata 120
 aaaaaaaaaa 129

<210> 278
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 278
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 ggtgcctccc taccaggaca gactcttgtg cttttggaac cataagccaa ataaaccctt 120
 ccttccataa aaaaaaaa 138

<210> 279
 <211> 177

0980711.064204

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 279
cttggtgaa gaggaataa aaactgagca ggaggtggng gaggaangg atatctctac 60
tcgctccaaa natcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaa 177

<210> 280
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 280
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accctgcac ccgcaatggc cactcagact cacatagctg aggtctgtgg ctgggttccc 120
agtgatcgaa nccgagctag agaatttata gactctg 157

<210> 281
<211> 182
<212> DNA
<213> Mus musculus

<400> 281
cttggtgaa gaggaataa aaactgagca ggaggtggng gaggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaa 180
aa 182

<210> 282
<211> 182
<212> DNA
<213> Mus musculus

<400> 282
cttggtgaa gaggaataa aaactgagca ggaggtggng gaggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaa 180
aa 182

<210> 283
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 283
gtaacatttc acttggtgcc tttccagttt caagcaccaa ctaccaaca aagattttac 60
cgaaaacctt agggccaata aatgtgaatg tgggacccca aaggatntta ancccnnga 120

aaanaatggc cantnnagna ngggtcngna tgggnatten ttttncccng gaacccgcaa 180
 tggtcacttt aagaactcac atagctt 207

<210> 284
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 284
 ctgagcagga ggtggtggag ggaatggata tctctactcg ctccaaagat cctgtntcta 60
 cagagaaaac ggccccgaaa cggaagttnc ccagccctcc acattcctnc aatggccatt 120
 cgccccaaga ctcattccac agccccatta aaaaaaagaa a 161

<210> 285
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 285
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 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 286
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 286
 atctaataca agacaaactt aaagagaaaag acagagagag agagaaaana gaagcntaaa 60
 gtantgagtg agatcacnga aagaacntgg agatgtnaag attttactga aaagtgggaa 120
 ggagaaacca a 131

<210> 287
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 287
 ggtgtgagct ctctgcttgc tgctccagtc cgctgtgctt gcctgctgtg gtgcctccct 60
 accaggacag actcttgtgc ttttggaaacc ataagccaaa taaacccttc ctccataaa 120
 aaaaaaa 127

<210> 288
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 288
acacaggaga cagaggtgtg agctctctgc ttgctgctcc agtgcgtgtg cttgcctgct 60
gtgggtgcctc cctaccagga cagactcttg tgcttttgga accataagcc aaataaacc 120
ttccttccat aaaaaaaaaa 140

<210> 289
<211> 119
<212> DNA
<213> Mus musculus

<400> 289
atattggata caatgcgact accgatctct tcaggttcct gctgccagcc tccccaccg 60
tgatggacta taccctagca ttccagtcaa aataaagcta acttgcccaa aaaaaaaaa 119

<210> 290
<211> 126
<212> DNA
<213> Mus musculus

<400> 290
ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgctcccta 60
ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 291
<211> 126
<212> DNA
<213> Mus musculus

<400> 291
ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgctcccta 60
ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 292
<211> 119
<212> DNA
<213> Mus musculus

<400> 292
gctctctgct tgctgctcca gtcgctgtgc ttgcctgctg tgggtgcctcc ctaccaggac 60
agactcttgt gcttttgga ccataagcca aataaaccct tccttcata aaaaaaaaa 119

<210> 293
<211> 132
<212> DNA
<213> Mus musculus

<400> 293
tttgattctg agaaagaaga gtgtgaaaca agaagcaaag atcgggttgg aagagggcaa 60
gaggaaaggg ggggatggaa ggaaaccctg cagccacca cacaataaac acaataaact 120
gtatcctgac ca 132

<210> 294
<211> 150
<212> DNA
<213> Mus musculus

<400> 294
gctttgaatt ctgagaaaga agagtgtgaa acaagaagca aagatcgggt tggaagaggg 60
caaggaggaaa ggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gaccacctca aaaaaaaaaa 150

<210> 295
 <211> 136
 <212> DNA
 <213> Mus musculus

<400> 295
 agctttgaat tctgagaaag aagagtgtga aacaagaagc aaagatcggg ttggaagagg 60
 gcaagaggaa agggggggat ggaaggaaac cctgcagcca ccaacacaat aaacacaata 120
 aactgtatcc tgacca 136

<210> 296
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 296
 gagcggcctc cacccaaacn actnactagg gaagctatgc nanantatnt aaangaacga 60
 ggggatnnaa cngtgcctcat tcttcatgca aangntgcac agaagtctta cggnantgaa 120
 aaacgatttt tttgccctcc tccttgtgtg tatcttatgg gcannnggtg gaaaaaaaaa 180
 aa 182

<210> 297
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 297
 ggatataaaa tactagctnn aaagatnctg tctctacaga gaaaacggcc ccgaaacgga 60
 agttccccag cctccacat tcctccaatg gccattcgcc ccaagactca tccacgagcc 120
 ccattataaaa aaaaa 135

<210> 298
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 298
 cttggctgaa gaggaataaa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctocaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
 aa 182

<210> 299
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 299
 atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct 60
 ccaatggcca ttgcgccaa gactcatcca cgagcccat taaaaaaaaa a 111

<210> 300
 <211> 141

<212> DNA
 <213> Mus musculus

<400> 300
 attataagca caccgcagag aattgccaat tcaggaagtg ttctgattgg gaatccatat 60
 acccctgcac ccgcaatggt cactcagact cacatagctg aggctgctgg ctgggttccc 120
 agtaaacgaa gcaaaaaaaaa a 141

<210> 301
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 301
 cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 302
 <211> 162
 <212> DNA
 <213> Mus musculus

<400> 302
 aaactgagca ggaggtggtg gagggaatgg atatctctac tcgctccaaa gatcctgtct 60
 ctacagagaa aacggccccg aaacggaagt tccccagccc tccacattcc tccaatggcc 120
 attcgcccca agactcatcc acgagcccca ttaaaaaaaaa aa 162

<210> 303
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 303
 atcctgtctc tacagagaaa acggccccga aacggaagtt ccccagccct ccacattcct 60
 ccaatggcca ttcgcccca gactcatcca cgagcccat taaaaagaaa aaa 113

<210> 304
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 304
 cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 305
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 305
 cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 306
 <211> 402
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 306

tttcaagcac	caactcacca	acaaagattt	taccgaaaac	cttagggcca	ataaatgtga	60
atggttgacc	ccaaatggta	agaaaattat	taaatttcag	aattgacact	tttctcaggc	120
aagactaatt	tatagataat	tatgctgaag	atggttgatc	aaatattcta	tttaatttta	180
gttatctcat	ttaccctaaa	taaaagtttt	ggttttatct	cagtataatt	aagtattaat	240
ttatattaat	aaatgttttt	gtgttcttat	gtttaatttt	aacatttcaa	tctgtgggtt	300
ctgaatgtgt	aatattaagg	nttttctccc	cttacgaggc	ctttcttaac	ttttgggggn	360
taattaactt	gaaatctatt	gnattctacc	agtcttacia	ct		402

<210> 307

<211> 235

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(235)

<223> n = A,T,C or G

<400> 307

gtaacatttc	acttggtgcc	tttccagttt	caagcaccaa	ctcaccaaca	aagattttac	60
cgaaaacctt	agggccanta	aatgtgaatg	ttggacccca	aatgattata	ancacaccgc	120
agagaattgc	caattcagga	agtgttctga	ttgggaatcc	atatacccct	gcacccgcaa	180
tggtcactca	gactcacata	gctgaggctg	ctggctgggt	tcccagtgat	cgaag	235

<210> 308

<211> 102

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 308

cgccaggacg	gagcgattct	cangngggaa	ggancncgcc	nacaggnocct	gactgcttac	60
agacatgtcc	ccctcaataa	aattgcagtt	gaaatggaaa	aa		102

<210> 309

<211> 178

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 309

agaagtcaga	agaggtcagt	cagctnnnct	ggtggagctg	gagctacaag	caactgggaa	60
aactactctg	catatnactc	tncaagaagc	agtnacgagt	gatcttccac	ccctctgcct	120
ctgctctgca	nnaacagcan	gngctcttaa	cctgttaatc	atggagcatt	ttcactag	178

<210> 310

<211> 182

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<212> DNA
<213> Mus musculus

<400> 310
cttggtgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac      60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc      120
tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaaa      180
aa                                                                182

<210> 311
<211> 125
<212> DNA
<213> Mus musculus

<400> 311
gtgtgagctc tctgcttget gctccagtcg ctgtgcttgc ctgctgtggt gcctccctac      60
caggacagac tcttgtgctt ttggaaccat aagccaaata aacccttcct tccataaaaa      120
aaaaa                                                                125

<210> 312
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 312
tagggaagct atgcgaaatt attttaaaga acgaggggat taaacagtgc tcattcttna      60
tgcaaaagtt gcacagaagt cttacggaaa tgaaaaacga tttttttgcn ctctccttg      120
tgtgnatctt aaaggcagat a                                                                141

<210> 313
<211> 182
<212> DNA
<213> Mus musculus

<400> 313
cttggtgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac      60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc      120
tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaaa      180
aa                                                                182

<210> 314
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 314
gctgaagagg agaatcccag attgccttca ctcaacaagat ctggcagcca gagccccgag      60
tcccccaagc ccagtgagca gannnaatat gannccgnac atancaagaa aagtgaagca      120
ccatgaaact cttgtttgat taaaaaaaaa a                                                                151

<210> 315
<211> 357
<212> DNA

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<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 315

atgcatgtat	acttccttgt	acctntcgct	cgactgnacn	ntgncctnac	cggaatgaag	60
ggtggcatga	agggaaagga	aggcatcttg	actgatanct	gnactnntgc	acagcaagat	120
ggaggnangc	tggccttnat	gtaacctnnc	gnntcngggg	gatnngngnc	ttnccttnnn	180
cggattcacc	ggtggcccg	tttgcacgtg	canantggtg	acgaggctcc	ctaaagcagc	240
ctcgaccatc	cacagacagc	ctcacgtttt	tctcctactt	tttccttatg	cttttaaatg	300
gcagactcgc	cgggcgtggg	ggcncacgcc	cttttattcc	catcactttg	ggaaggc	357

<210> 316

<211> 152

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 316

ctttgaattc	atgagaaaga	agagtgtgaa	acaagaagca	aanatcgggt	tggaagaggg	60
cnagagggaaa	gggggggatg	gaaggaaacc	ctgcagccac	caacacaata	ancacaatat	120
actgtatcct	gaccacctca	aaaaaaaaac	ca			152

<210> 317

<211> 182

<212> DNA

<213> Mus musculus

<400> 317

cttggctgaa	gaggaaataa	aaactgagca	ggaggtggtg	gagggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccc	agactcatcc	acgagcccca	ttaaaaaaaa	180
aa						182

<210> 318

<211> 111

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 318

atcctgtctc	tacagagaaa	acggccccga	aacggaagtt	ccccagncct	ccacattcct	60
ccaatggcca	ttcgcccnaa	gactcatcca	cgagcccat	taaaaaaaaa	a	111

<210> 319

<211> 182

<212> DNA

<213> Mus musculus

<400> 319

cttggctgaa	gaggaaataa	aaactgagca	ggaggtggtg	gagggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120

tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 320
<211> 182
<212> DNA
<213> Mus musculus

<400> 320
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 321
<211> 182
<212> DNA
<213> Mus musculus

<400> 321
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 322
<211> 135
<212> DNA
<213> Mus musculus

<400> 322
ctttgaattc atgagaaaga agagtgtgaa acaagaagca aagatcgggt tggaagaggg 60
caagaggaaa ggggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gacca 135

<210> 323
<211> 182
<212> DNA
<213> Mus musculus

<400> 323
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 324
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 324
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatnc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 325

<211> 182
 <212> DNA
 <213> Mus musculus

<400> 325
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 326
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 326
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 327
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 327
 gtagggggga actgctcgtg gctgangagg aaataaaaac tgagcaggag gtggtggagg 60
 gaatggatat ctctactcgc tccagagatc ctgtctctac agagaaaacg gccccgaaac 120
 ggaagtcccc cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga 180
 gccccattaa aaaaaaaaa 182

<210> 328
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 328
 atgagctcac agtacctgca ctttacccca gtagccctga agtgtgggcc ccgtaccctc 60
 tgtaccacgc ggagttagcg cctgctcttc ctctctctgc cgctttcacc taccgcgctt 120
 cactgcatgc ccagaggcnc tgtatacatg cctaggnnnn cacncctgac nnntgganac 180
 tinctcagca catgnatgat ngcgtcncgt ggaatgngcc tgnacagat caacctactg 240
 cagaccancn aaggaggctt nngagacaga atgtattann aaccnactac cttatncctt 300
 ttgcaaanga naactnttct ttganaatnt ttgagagatt tcaataaaaa 350

<210> 329
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 329
 tgaaccggtt ttaagtcacg aactgagatc ctgtctctac agagaaaacg gccccgaaac 60
 ggaagtcccc cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga 120

gccccattaa aaaaaaaaa 138

<210> 330
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 330
 atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct 60
 ccaatggcca ttgccccaa gactcatcca cgagcccaa aaaaaaaaa 109

<210> 331
 <211> 148
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 331
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 togtccaaa gatcctgtct ctacaganaa aacngccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgccc 148

<210> 332
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 332
 ggaagctatg cgaaattatt taaaagaacg aggggatcaa acagtgtctca ttcttcatgc 60
 aaaagttgca cagaagtctt acggaaatga aaaacgattt ttttgccctc ctcttctgtgt 120
 gtatcttatg ggagtggtt ggaaaaaaaaaaa aaa 153

<210> 333
 <211> 112
 <212> DNA
 <213> Mus musculus

<400> 333
 gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc tccacattcc 60
 tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa aa 112

<210> 334
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 334
 atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct 60
 ccaatggcca ttgccccaa gactcatcca cgagcccat taaaaaaaa a 111

<210> 335
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 335
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 togtccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180

aa 182

<210> 336
<211> 103
<212> DNA
<213> Mus musculus

<400> 336
ctgagaaggt tggagtttta atgattcagg cggctctggc ggccaggctg ggcgatatgg 60
tccgcaccta gactgttgag ctgggggtag aggaaaaaaaa aaa 103

<210> 337
<211> 171
<212> DNA
<213> Mus musculus

<400> 337
aggaaataaa aactgagcag gaggtgggtgg agggaatgga tatctctact cgctccaaag 60
atcctgtctc tacagagaaa acggccccga aacggaagt cccagccct ccacattcct 120
ccaatggcca ttgccccaa gactcatcca cgagcccat taaaaaaaa a 171

<210> 338
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 338
cttgcaagca ccaactcacc nacactttat tctagcgaac accttatggc caataaaatg 60
tgaatgntgt accccttcac tgattataat gcacaccngc acagaattgc caattcttga 120
gagtgttctg attgggaatc catatacccc tgcaccgcga atggtcactc agactcacat 180
agctgaggct gctggctggg ttcccagtaa acgaagcaaa aaaggagaaa aaaaaaa 237

<210> 339
<211> 105
<212> DNA
<213> Mus musculus

<400> 339
gactgagaag gttggagttt taatgattca ggcggctctg ggggccaggc tgggcatat 60
ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 340
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 340
ctgagatgag ctccagtacc tgcactttac cccantagcc ctgaagngtg ggccccgtac 60
cctctgtacc cagcggagtt agcgctgct ctctctctc ctgccggtt cacctacccc 120
gcttactgc atgccagag nttctnttat acaggcntnn ccennacac ctganntttg 180
ganacttctt cancaaatta nannngtctc tnggaatgtg tttgggncct attaacctac 240
tgcanaaccan cnaaggagc tncngntgnt gaatttatta gcaacccct cccttccct 300
tttgcaaaaa aaaacntttt ttgataatgt ttngagaaan ntcaaataaa aaattttaat 360

<210> 341
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 341
 gactgagggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 342
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 342
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccca gacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgca 106

<210> 343
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 343
 gactgagaag gttggagttt taatgattca ggcggctctg gcggccaggc tgggcgatat 60
 ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 344
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 344
 gactgagaag gttggagttt taatgattca ggcggctctg gcggccaggc tgggcgatat 60
 ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 345
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 345
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtgggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 346
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 346
 aactgagaag gttggagttt taatgattca ggcggctctg gcggccaggc tgggcgatat 60
 ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 347
 <211> 117
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

<400> 347
 cagagaattg ccaattcagg aagtgttctg attgggaatc catatacccc tgcacccgca 60
 atgggtcactc anactcacat agctgaggct gctggctggg ttcccagtaa acgaagc 117

<210> 348
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 348
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtgggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 349
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 349
 agactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtg cccagacgg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaaaa 116

<210> 350
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 350
 agaactgaga tcctgtctct acagagaaaa cggccccgaa acggaagttn cccagccctc 60
 cacattcctc caatggccat tcgccccaaag actcatccac gagccccatt aaaaaaaaaa 120

<210> 351
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 351
 agactgagaa ggttgaggtt ttaatgattc aggcggctct ggcggccagg ctgggcgata 60
 tggtcgcac ctgactggtt gagctggggg tagaggaaaa aaaaaa 106

<210> 352
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 352
 cttggctgaa gaggaataa aaactgagca ggagggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
 aa 182

<210> 353

<211> 202
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G

<400> 353	
gacgtctggg gagctcctgc attaagtnaa gaactgagct tggctgaaga ggaaataaaa	60
actgagcagg aggtgggtgga gggaatggat atctctactc gctccaaaga tctgtgtctt	120
acagagaaaa cggccccgaa acggaagtgc cccagccctc cacattcctc caatggccat	180
tcgccccaaag actcatccac ga	202

<210> 354
<211> 121
<212> DNA
<213> Mus musculus

<400> 354	
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg	60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa	120
a	121

<210> 355
<211> 175
<212> DNA
<213> Mus musculus

<400> 355	
gactgagata aaatcaaaga caaaattaaa gagaaagaca aagagagaga gaaaaagaag	60
cataaagtaa tgagtggat caagaaagaa aatggagatg taaagatttt actgaaaagt	120
gggaaggaga aacaaaaaac aaatatagaa gacttacaaa ttaaaaaagt aaaaa	175

<210> 356
<211> 107
<212> DNA
<213> Mus musculus

<400> 356	
gaggtgatcg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatc	60
aagactccaa tgacaaccat aagattccct aaagctaaga cactgca	107

<210> 357
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 357	
gttccaaaag tggcaggaag cccctggac cttcacccctc ggctgctgt ccctccacta	60
cggcctaaga gcttggagt ggganganca tggnggcatt gttgccaang gtctggacac	120
angcatgcng gaaaatggac cttnccttaag actnaagctg tgcacacagc ttgtgacacg	180
anaacacttt tccacaccta tanttgggggt gttgcctaaa tat	223

<210> 358
<211> 181
<212> DNA

<213> Mus musculus

<400> 358

ctgagataaa	atcaaagaca	aaattaaaga	gaaagacaaa	gagagagaga	aaaagaagca	60
taaagtaatg	agtgatcatc	agaaagaaaa	tggagatgta	aagattttac	tgaaaagtgg	120
gaaggagaaa	ccaaaaacaa	atatagaaga	cttacaaatt	aaaaaagtaa	agaagaaaaa	180
a						181

<210> 359

<211> 121

<212> DNA

<213> Mus musculus

<400> 359

actgaggtga	tgaagtctcg	atcactagac	gggagatgct	gccaaagtgc	ccagacggga	60
tcaagactcc	aatgacaacc	ataagattcc	ctaaagctaa	gacactgcag	aagaaaaaaa	120
a						121

<210> 360

<211> 106

<212> DNA

<213> Mus musculus

<400> 360

ctgaggtgat	gaagtctcga	tcactagacg	ggagatgctg	ccaagtgcgc	cagacgggat	60
caagactcca	atgacaacca	taagattccc	taaagctaag	acactg		106

<210> 361

<211> 119

<212> DNA

<213> Mus musculus

<400> 361

gactgaggtg	aagaagtctc	gatcactaga	cgggagatgc	tgccaagtgc	cccagacggg	60
atcaagactc	caatgacaac	cataagattc	cctaaagcta	agacactgaa	aaaaaaaa	119

<210> 362

<211> 111

<212> DNA

<213> Mus musculus

<400> 362

agactgaggt	gatgaagtct	cgatcactag	acgggaggtg	ctgccaagtg	ccccagacgg	60
gatcaagact	ccaatgacaa	ccataagatt	ccctaaagct	aagacactgc	a	111

<210> 363

<211> 135

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 363

cttccgccag	taacgnetga	ggtgaggaag	nctagatcac	tanangggan	atgntgccac	60
gtgnccaga	cgggatcaag	actccaatga	caacgcataa	gattccctaa	agctaagaca	120
ctgcaaaaaa	aaaaa					135

<210> 364

<211> 117

<212> DNA

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<213> Mus musculus

<400> 364
gaggtgatcg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatc 60
aagactccaa tgacaacct aagattccct aaagctaaga cactgcaaaa aaaaaaa 117

<210> 365
<211> 110
<212> DNA
<213> Mus musculus

<400> 365
tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga tcaagactcc 60
aatgacaacc ataagattcc cttaaagctaa gacactgcag aaaaaaaaaa 110

<210> 366
<211> 119
<212> DNA
<213> Mus musculus

<400> 366
gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 367
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 367
gactgaggtg atgaagnctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 368
<211> 119
<212> DNA
<213> Mus musculus

<400> 368
gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 369
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 369
ctgaggtgat gaagtctcga tnactagacg ggagatgctg ccaagngccc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcaaa aaaaaaa 118

<210> 370

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<211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 370
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactccn atggcaacca taagattccc taaagctaag aactgcaaa aaaaaaaa 118

<210> 371
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 371
 cctgaggtga tgaagtctcg atcactagac gggagatgct gccagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcag aaaaaaaaaa 120

<210> 372
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 372
 ctgaggtgat gaagtctgga tcctagacgg gagatgctgc caagtgcccc agacgggatc 60
 aagactccaa tgacaaccat aagattccct aaagctaaga cactgca 107

<210> 373
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 373
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 374
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 374
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
 atcaaaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc aaaaaaaaaa 120
 a 121

<210> 375
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 375
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gcacagaagt cttacnggaa ntgaaaaaca gatttttttg cctcctcct tgcgtggatc 120
 ttatgggcag tggttgta 138

<210> 376
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 376
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 377
 <211> 130
 <212> DNA
 <213> Mus musculus

<400> 377
 actgaggcac gactgcgggg atgaagtctc gatcctagac gggagatgct gccaaagtgc 60
 ccagacggga tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcag 120
 aaaaaaaaaa 130

<210> 378
 <211> 117
 <212> DNA
 <213> Mus musculus

<400> 378
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc aacgagatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaaa 117

<210> 379
 <211> 116
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

<400> 379
 gaggtgatga agtctngatc actagacggg agatgctgcc aagtgcccc aacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcaaaaa aaaaaa 116

<210> 380
 <211> 121
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 380
 gacctgtggt gttgaagtct cgacactaga cgggtagnat gctgtcaagt gccccagacg 60
 ggatcaagac tccaatgaca accntaagat tccctaaagc taagacactg caaaaaaat 120
 a 121

<210> 381
 <211> 118

056071.061201
T02T90" T20860

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<212> DNA
<213> Mus musculus

<400> 381
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat      60
caagactcca atgacaacca taagattccc taaagctaag acattgcaaa aaaaaaaaaa     118

<210> 382
<211> 105
<212> DNA
<213> Mus musculus

<400> 382
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc aacggggatca      60
agactccaat gacaaccata agattcccta aagctaagac actgc                      105

<210> 383
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 383
ctagactgag tgatgaagtc tcgatcacta gacgggagat gctgccaagt gccccagacg      60
ggatcaagac tccantgacn accataagat tccctaaagc taagacactg cagaaaaaaaaa    120
aaa                                          123

<210> 384
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 384
gcttgctgaa gagganataa aaactgagca ggaggtggtg gagggaatgg atatctctac      60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc    120
tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaaaa    180
aa                                          182

<210> 385
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 385
agactgagtg atgaagtctc gatnctagac gggagatgct gccaaagtgtc ccagacggga      60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa     120

<210> 386
<211> 118
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<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

 <400> 386
 tagaggagtg tgaagtctcg atcctagacg ggagatgctg ccaagtgcc cagacggtat 60
 caagactcca atgacaacca taagattccn taaagctaag aactgcaaa aaaaaaaa 118

 <210> 387
 <211> 112
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(112)
 <223> n = A,T,C or G

 <400> 387
 gtgatgaagt ctogatccta gacgggagan gctgccaaagt gccccagacg ggatcaagac 60
 tccaatgaca nccataagat tccctaaagc taagacactg caaaaaaaaa aa 112

 <210> 388
 <211> 118
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

 <400> 388
 ctgaggtgat gaagtctcga tcctagacgg gagatgctgc caagncccc ngacgggatc 60
 aagactccnn tgannancat nagattccct naagntaaga cactgcagaa aaaaaaaa 118

 <210> 389
 <211> 122
 <212> DNA
 <213> Mus musculus

 <400> 389
 agactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaggcta agacactgca ggaaaaaaaa 120
 aa 122

 <210> 390
 <211> 116
 <212> DNA
 <213> Mus musculus

 <400> 390
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcaaaaa aaaaaa 116

 <210> 391
 <211> 102
 <212> DNA
 <213> Mus musculus

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<400> 391
ctgagggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat      60
caagactcca atgacaacca taagattccc taaagctaag ac                          102

<210> 392
<211> 102
<212> DNA
<213> Mus musculus

<400> 392
tgagaagggtt ggagttttta tgattcaggg ggctctggcg gccaggctgg gcgatatggt      60
ccgcacctag actgttgagc tgggggtaga ggaaaaaaaa aa                       102

<210> 393
<211> 133
<212> DNA
<213> Mus musculus

<400> 393
gaggtgcgcg tgtcgccccg ggccgcgggg acggagcgat tctcacggag gaaggagcac      60
cgccaacagg gcctgactgc gtacagacat gtccccctca ataaaattgc agttgaaatg     120
gaaaaaaaaa aaa                                                         133

<210> 394
<211> 117
<212> DNA
<213> Mus musculus

<400> 394
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccca gacgggatca      60
agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaaa       117

<210> 395
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 395
ctgggtgatg aatctcgatc actanacggg agatgctgcc aagtgcccca nacgggaten      60
agactccaat gacaaccata agattcccta aagctaanac actgcactaa aaaaaaa       118

<210> 396
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 396
acactgaggt gatgaagtct cgatcactag acgggagatg ctgccaaagtg ccccagacgg      60
gatcaagact ccaatgacna ncataagatt ccctaaagct aagacactgc agaaaaaaaaa    120
aa                                                                    122

<210> 397
<211> 111

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<212> DNA
 <213> Mus musculus

 <400> 397
 agactgaggt gatgaagtct cgatcactag acgggagacg ctgccaaagtg cccagacgg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc a 111

 <210> 398
 <211> 108
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)..(108)
 <223> n = A,T,C or G

 <400> 398
 cctgaggtga tgaagtgtng atcactagac gggagatgct gccaaagtgc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgc 108

 <210> 399
 <211> 121
 <212> DNA
 <213> Mus musculus

 <400> 399
 acactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

 <210> 400
 <211> 118
 <212> DNA
 <213> Mus musculus

 <400> 400
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaaaa 118

 <210> 401
 <211> 121
 <212> DNA
 <213> Mus musculus

 <400> 401
 gactgaggtg atgaagtctc gatcactaga cggggagatg ctgccaaagtg cccagacggg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc aaaaaaaaaa 120
 a 121

 <210> 402
 <211> 120
 <212> DNA
 <213> Mus musculus

 <400> 402
 acactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

 <210> 403
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 403
 actgaggtga tggagtctcg atcctagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactgcgaa aaaaaaaaa 119

<210> 404
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 404
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactctgaa aaaaaaaaa 119

<210> 405
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 405
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactgcaa aaaaaaaaa 118

<210> 406
 <211> 114
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

<400> 406
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc tanagctaag acactgctaa aaaa 114

<210> 407
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 407
 cactgaggta atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatggcaac cataagattc cctaaagcta agacactgca aaaaaaaaa 120

<210> 408
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 408
 caactgagct tggctgaaga ggaaataaaa actgagcagg aggtggtgga gggaaatggat 60
 atctctactc gctccaaaga tcctgtctct acagagaaaa cggccccgaa acggaagtgc 120
 cccagccctc cacattcctc caatggccat tcgcccgaag actcatccac gagccccatt 180
 aaaaaaaaaa 190

<210> 409
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 409
 gaactgagct tggctgaaga ggaaataaaa actgagcagg aggtggtgga gggaaatggat 60

atctctactc gctccaaaga tcctgtctct acagagaaaa cggccccgaa acggaagttc 120
cccagccctc cacattcctc caatggccat tcgccccaaag actcatccac gagccccatt 180
aaaaagaaaa aga 193

<210> 410
<211> 122
<212> DNA
<213> Mus musculus

<400> 410
agcactgagg tgatgaagtc tcgatcacta gacgggagat gctgccaagt gccccagacg 60
ggatcaagac tccaatgaca accataagat tccctaaagc taagacactg caaaaaaaaa 120
aa 122

<210> 411
<211> 119
<212> DNA
<213> Mus musculus

<400> 411
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcaa aaaaaaaaa 119

<210> 412
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 412
tgaggtgatg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatc 60
aagactccan tgacaaccat angattccct aaagctaaga cactgcaaaa aaaaaaa 117

<210> 413
<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 413
tccagactga gggattttatc aaagatgtcc cgaagactcc ctccagttgt ttttgaaaat 60
aattgggcaa ccanaaacgc caggttccgt ttaatgaagt gcgattacca ccaccacctg 120
atataaaaaa aaa 133

<210> 414
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 414

gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacanc cataagnttc cctaaagcta agacactgc 109

<210> 415
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 415
ttacacactg ggtgatgaag tctcgatcac tagacgggag atgctgccaa gtgccccaga 60
cgggatcaag nctncaatga caaccataag attccctaaa gctaagacac tgca 114

<210> 416
<211> 121
<212> DNA
<213> Mus musculus

<400> 416
taaacctggg tgatgaagtc tcggtcctag acgggagatg ctgccaagtgc cccagacggg 60
gatcaagact ccgatgacaa ccataagatt ccctaaagct aagacactgc aaaaaaaaaa 120
a 121

<210> 417
<211> 117
<212> DNA
<213> Mus musculus

<400> 417
agactggtgt gaagtctcga tcctagacgg gagatgctgc caagtgcccc agacggggatc 60
aagactccaa tgacaacat aagattccct aaagctaaga cactgcaaaa aaaaaaa 117

<210> 418
<211> 108
<212> DNA
<213> Mus musculus

<400> 418
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgccc cagacggggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgca 108

<210> 419
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 419
gtgatgaagt tttcgatcac tagacgggag atgctgccaa gtgccccaga cgggatcaag 60
actccaatga caaccatang attccctaaa gctaagacac tgc 103

<210> 420
<211> 110
<212> DNA
<213> Mus musculus

09880741.06120

<400> 420
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca 110

<210> 421
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 421
 tgtgagacca tttgaggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc 60
 ccagacggga tcaagactcc antgacaacc ataagattcc ctaaagctaa gacactgcaa 120
 aaaaaaaaaa 129

<210> 422
 <211> 108
 <212> DNA
 <213> Mus musculus

<400> 422
 tgaagtctcg atcctagacg ggagacgctg ccaagtgtccc cagacgggat caagactcca 60
 atgacaacca taagattccc taaagctaag aactgtcaaa aaaaaaaaa 108

<210> 423
 <211> 108
 <212> DNA
 <213> Mus musculus

<400> 423
 gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgc 108

<210> 424
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 424
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 425
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 425
 actgaggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 120

<210> 426
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 426
 ttgacacact gaggtgatga agtctcgatc ctagacggga gatgctgcca agtgccccag 60

09880711.031301

acgggatcaa gactccaatg acaaccataa gattccctaa gctaagacac tgcagaaaaa 120
aaaaa 125

<210> 427
<211> 117
<212> DNA
<213> Mus musculus

<400> 427
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcgaaa aaaaaa 117

<210> 428
<211> 111
<212> DNA
<213> Mus musculus

<400> 428
tgatgaagtc tcgatcctag acgggagatg ctgccaaagt cccagacgg gatcaagact 60
ccaatgacaa ccacaagatt ccctaaagct aagacactgc aaaaaaaaaa a 111

<210> 429
<211> 120
<212> DNA
<213> Mus musculus

<400> 429
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 430
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 430
tgatgaagtc tcgatcacta gacgggagat gctgccaa gn ccccnagac ggatcaagac 60
tccnntgacn accatnagat tccctnaagn taagacactg caaaaaaaaa aa 112

<210> 431
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 431
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
agactccaat gacnaccata agattcccta aagctaagac actgcagaaa aaaaaa 117

<210> 432
<211> 120
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 432
 cacttaggtg atgaagtctc gatcactaga cgggagatgc tgccangtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 433
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 433
 gtgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga tcaagactcc 60
 aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 110

<210> 434
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 434
 agacactgag gtgatgaagt ctcgatcact agacgggaga tgctgccaag tgccccagac 60
 gggatcaaga ctccaatgac aaccataaga ttccctaaag ctaagacact gcaaaaaaaaaa 120
 aaa 123

<210> 435
 <211> 107
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(107)
 <223> n = A,T,C or G

<400> 435
 ctgggtgatg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatc 60
 aagactncaa tggcnaccat aaganttccc taaagctaag aactgc 107

<210> 436
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 436
 aagactgggt gtgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 437
 <211> 117
 <212> DNA
 <213> Mus musculus

<400> 437
 tgaggtgatg aagtctcgat cctagacggg agatgctgcc aagtgcccc aacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaa 117

<210> 438
 <211> 131
 <212> DNA

<213> Mus musculus

<400> 438
gactgagtat ggcaactgagg tgatgaagtc tcgatacctag acgggagatg ctgccaaagtg 60
ccccagacgg gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc 120
aaaaaaaaa a 131

<210> 439

<211> 122

<212> DNA

<213> Mus musculus

<400> 439
agactgaggt gataaagcct cgatacactag acgggagatg ctgccaaagtg cccagacgg 60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaaaaaaaa 120
aa 122

<210> 440

<211> 269

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 440
attgtcttgc tgtgtgttct cttgttaacc agctgcctca actacagaga ttttctgcct 60
tgctcttaag tgctggatan ngaacgcntn aaaccaccnn naacccccca atccttgact 120
ctccccaggg gactggccac caaccaaaga atacacntgg ngggaccagg ctgcaaatgt 180
gacagaggat gaccttggtg accatctgat ctaaagggaa tgggagaagc aaagaaaaac 240
atcttctgat ccctatatgc aaaaaaaaa 269

<210> 441

<211> 119

<212> DNA

<213> Mus musculus

<400> 441
gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaa 119

<210> 442

<211> 120

<212> DNA

<213> Mus musculus

<400> 442
agactgggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc gatgacaacc ataagattcc ctaaagctaa gacactgcaa aagaaaaaaaa 120

<210> 443

<211> 119

<212> DNA

<213> Mus musculus

<400> 443
gactgggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaa 119

<210> 444

<211> 118

<212> DNA
<213> Mus musculus

<400> 444
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaa 118

<210> 445
<211> 110
<212> DNA
<213> Mus musculus

<400> 445
gtgaagtctc gatcactaga cgggagatgc tgccgagtgc cccagacggg atcaagactc 60
caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 110

<210> 446
<211> 104
<212> DNA
<213> Mus musculus

<400> 446
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc aacgggatca 60
agactccaat gacaaccgta agattcccta aagctaagac actg 104

<210> 447
<211> 122
<212> DNA
<213> Mus musculus

<400> 447
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gagaaaaaaa 120
aa 122

<210> 448
<211> 117
<212> DNA
<213> Mus musculus

<400> 448
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc aacgggatca 60
agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaa 117

<210> 449
<211> 114
<212> DNA
<213> Mus musculus

<400> 449
gtgatgaagt ctcgatcact agacgggaga tgctgccaag tgccccagac gggatcaaga 60
ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa aaaa 114

<210> 450
<211> 118
<212> DNA
<213> Mus musculus

<400> 450
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaa 118

<210> 451

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<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 451
ccatgggtgt aaagcctcaa tcactagacg gganatgctg ccaagngccc cagacggnat      60
caagactcca atgacnacca taagattccc taaagctaag aactgcaaa aaaaag      116

<210> 452
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 452
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagctn agacactgca aaaaaaaaaa      120

<210> 453
<211> 123
<212> DNA
<213> Mus musculus

<400> 453
gaactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtgc cccagacggg      60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaagaaaaa      120
aaa                                     123

<210> 454
<211> 121
<212> DNA
<213> Mus musculus

<400> 454
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa      120
a                                     121

<210> 455
<211> 124
<212> DNA
<213> Mus musculus

<400> 455
aagccctttg gtgatgaagt ctcgatcact agacgggaga tgctgccaag tgccccagac      60
gggattaaga ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa      120
aaaa                                     124

<210> 456
<211> 116
<212> DNA
<213> Mus musculus

<400> 456

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aggtgatgaa gtctcgggtca ctagacggga gatgctgcc aagtccccag acgggatcaa 60
gactccaatg acaaccttaa gattccctaa ggctaagaca ctgcagaaaa aaaaaa 116

<210> 457
<211> 120
<212> DNA
<213> Mus musculus

<400> 457
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 458
<211> 121
<212> DNA
<213> Mus musculus

<400> 458
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 459
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 459
ccgtttgaag tctcgtccta gacgggagac gctgcnagtgc cccagacagg gatcaagact 60
ccaatgacna ccataagatt ccctaaagct aagacactgc aaaaaaaaaa a 111

<210> 460
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 460
agactgggtg tgaagtctcg tcactagacg ggagatgctg nccaagtgcc ccagacggga 60
tcaagactnc catgncaacc aataagattc cctaaagcta agacactg 108

<210> 461
<211> 105
<212> DNA
<213> Mus musculus

<400> 461
gtctcgatca ctagacggga gatgctgcc aagtccccag acgggatcaa gactccaatg 60
acaaccataa gattccctaa agctaagaca ctgcacaaaaa aaaaa 105

<210> 462
<211> 109
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 462
gactgaggtg atgaagtctt gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacnac cataagattc cctaaagcta tgacactgc      109

<210> 463
<211> 119
<212> DNA
<213> Mus musculus

<400> 463
cctgaggtga tgaagtctcg atcctagacg ggagatgctg ccaagtgcc cagacgggat      60
caagactcca atgacaacca taagattccc taaagctaag aactgcaga aaaaaaaaaa      119

<210> 464
<211> 158
<212> DNA
<213> Mus musculus

<400> 464
cactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag      60
ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag      120
tgaagcacca tgaaactctt gtttgattaa aaaaaaaaaa      158

<210> 465
<211> 125
<212> DNA
<213> Mus musculus

<400> 465
atgtctctat actccagcca gccagctggt gacgtgatag gcagaaggga ttggagagac      60
acaggtaaaag aagcccaatg agttattaaa ggtctatatt taaatctact ggtacaaaaa      120
aaaaa      125

<210> 466
<211> 128
<212> DNA
<213> Mus musculus

<400> 466
cgatgtctct atactccagc cagccagctg ttgacgtgat aggcagaagg gattggagag      60
acacaggtaa agaagcccaa tgagttatta aagggtctata tttaaatacta ctggtacaaa      120
aaaaaaga      128

<210> 467
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 467
ctatactcca gccagccagc tgttgacgtg ataggcagaa gggattggag agacacaggt      60
naagaanccc aatgagttat taaaggncta tatttaaatac tactggtaca aaaaaaaga      120

<210> 468

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<211> 118
<212> DNA
<213> Mus musculus

<400> 468
tataactccag ccagccagct gttgacgtga taggcagaag ggattggaga gacacaggta 60
aagaagccca atgagttatt aaaggtctat atttaaactt actggtacaa aaaaaaaa 118

<210> 469
<211> 104
<212> DNA
<213> Mus musculus

<400> 469
ccagctggtg acgtgatagg cagaagggat tggagagaca caggtaaaga agcccaatga 60
gttattaaag gtctatattt aaatctactg gtacaaaaaa aaaa 104

<210> 470
<211> 138
<212> DNA
<213> Mus musculus

<400> 470
gtgctgcctc gtgatgtct ctatactcca gccagccagc tgttgacgtg ataggcagaa 60
gggattggag agacacagggt aaagaagccc aatgagttat taaaggtcta tatttaaatac 120
tactggtaca aaaaaaaa 138

<210> 471
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 471
cagactgagt ctgacagggtt aatagcggna taagctgaac aatgtnacta tactcnagcc 60
caccanctgt ngacagtgat angcagaagg gattggagag acacaggtaa agaagcccaa 120
tgagttatta aaggtctata tttaaatac ctggtacaaa aaaaaaaa 167

<210> 472
<211> 110
<212> DNA
<213> Mus musculus

<400> 472
gccagccagc tgttgacgtg ataggcagaa gggattggag agacacagggt aaagaagccc 60
aatgagttat taaaggtcta tatttaaatac tactggtaca aaaaaaaaaga 110

<210> 473
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 473
ctgacagggtt aatagcagan gaagatcgaa naatgaanaa tataactcnag ccngccanct 60

ggtgncgtna taggcagaag ggattgnnna gacacaggta angangccca atgagttatt 120
aaaggtctat atttaaactct actggtacaa aaaaaaaa 158

<210> 474
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 474
tcgaatgtct ctatactcca gccagccagc tgttgacgtg ataggcanaa gggattggag 60
agacacagggt aaagaagccc aatgagttat taaaggtcta tatttaaact tactggtaca 120
aaaaaaaaa 129

<210> 475
<211> 189
<212> DNA
<213> Mus musculus

<400> 475
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
aaaaaaaaa 189

<210> 476
<211> 149
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 476
ctggctgcag tgctgcctcg tcnatgtctc tatactccag ccagccagct gttgacgtga 60
taggcagaag ggattggaga gacacangta aagaagccca atgagtnatt aaaggtctat 120
atttaaactct actggtacaa aaaaaaaga 149

<210> 477
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 477
gtctctatac tccagccagc cagctgttga cntnatangc agaagggatt ggagagacac 60
aggtnaagaa gcccantgag ttattaaagg tctatattta annctactgg tacaaaaaa 119

<210> 478
<211> 150
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 478
ggatactgct gcagtgtgtc ctctctgatg tctctatact ccagccagcc ngctgttgac      60
gtgataggca tgaagggatt ggagagacac atnttnagaa gccaangag ttattaaagg      120
tctatattta aatctactgg tgcaaaacat                                     150

<210> 479
<211> 145
<212> DNA
<213> Mus musculus

<400> 479
gctgcagtgc tgctctgtcg atgtctctat actccagcca gccagctgtt gacgtgatag      60
gcagaaggga ttggagagac acaggtaaag aagcccaatg agttattaaa ggtctatatt      120
taaactctact ggcacaaaaa aaaaaa                                     145

<210> 480
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 480
gagcactgag gctgaagagg agaatcccag attgccttcc tcacaagatc tggcagccag      60
agccccgagt cccccaagcc cagtgaagcag ttcanatata aaaccgcaca taacaagaaa      120
agtgaagcac catgaaactc ttgtttggtt aaaaaaaaaa a                                     161

<210> 481
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 481
gaggagaatc ccagattgcc ttnttcacaa gatctggcat gccagagccc ngagtcccccc      60
aagcccagtg ngcagttcaa atataaaacc gcacataaca ngaaaagtga agcaccatga      120
aactcttggt tgattaaaaa aaaaaa                                     145

<210> 482
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 482
gcatggatct ggctgcagtg ctgcctcgnc gatgtctcta tactccancc agccngctgt      60
tgacgtgata ggcnaaaggg attggagaga cacaggtgaa gaaccccnat gagttattaa      120

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nggtntatat ttaaactctac tggttc

146

<210> 483
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 483	
atgtagccat ggctactagg ctagcngatg ctgcgcctcgt cgattgtctc tatactccag	60
ctcanncagc tgtctgacng tgataggcan aagggnattgg agagacacag gtagnanaan	120
cccaatgagt tattaaaggt ctatatatttaa atctactggt acaa	164

<210> 484
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 484	
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata	60
tctctactcg ctccaaagat nctgtnncta cagagaaaac ggccccgaaa cggaagtncc	120
ccagccctgc acattcctcc aatgnccatt cnccccacna ctcattccacg agccccatta	180
aaaaaaaa	189

<210> 485
<211> 189
<212> DNA
<213> Mus musculus

<400> 485	
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata	60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc	120
ccagccctcc acattcctcc aatggccatt cgccccgaaga ctcattccacg agccccatta	180
aaaaaaaa	189

<210> 486
<211> 188
<212> DNA
<213> Mus musculus

<400> 486	
actgagcttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat	60
ctctactcgc tccaaagatc ctgtctctac agagaaaac gccccgaaac ggaagttccc	120
cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga gccccattaa	180
aaaaaaaa	188

<210> 487
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)

<223> n = A,T,C or G

<400> 487

gactgagatg	agctccagta	cctgcactnt	ancccagaag	ccctgaagtg	tgggccccgt	60
accctctgta	cccagcggag	ttagcgctg	ctcttcctcc	tcctgcccgt	ttcacctacc	120
ccgcttcact	gcatgccag	aggcncgtg	nacatgccta	ngannncact	tongannntt	180
gganactnct	ncagcacatg	atgatgcngc	nctgggaang	ngnntgncac	atatnaacct	240
actgcagacn	atnaaaggga	gcttntnagg	ggaatntatt	acnaaccac	tnocttcccc	300
ttttgnaaaa	nanaactgtt	nttnacaat	gtttgaaaaa	aatcaataaa	aa	352

<210> 488

<211> 126

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 488

atgtctctat	actccagcca	gcngctgtt	gacgtgatag	gcatganggg	attggagaga	60
cacaggtaaa	gaagcccaat	gagttattaa	aggcctatat	ttaaactctac	tggtacaaaa	120
aaaaaa						126

<210> 489

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 489

actgggctgg	atctggctgc	agtgcnnnct	cgctgatgtc	tctatactcc	agccagccag	60
ctgttgacgt	gataggcagg	agggattgga	gagacacagg	taaagaagcc	caatgagtta	120
ttaaaggctct	atatttaaat	ctactggtac	aaaaaaaaaa			160

<210> 490

<211> 126

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 490

ggctgcctca	acaatgacna	tatactccng	ccanccagct	gttnacgtga	tatgcagaag	60
gnattgnaga	gacacangta	aagaggccca	atgagttatt	aaaggncat	attttaatct	120
actggt						126

<210> 491

<211> 131

<212> DNA

<213> Mus musculus

<400> 491

aggcgatgtc	tctatactcc	agccagccag	ctgttgacgt	gataggcaga	agggattgga	60
gagacacagg	taaagaagcc	caatgagtta	ttaaaggctct	atatttaaat	ctactggtac	120

aaaaaaaaaag a 131

<210> 492
 <211> 102
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(102)
 <223> n = A,T,C or G

<400> 492
 ctgggtgtga atctcgatcc tanacgggag atgctgccaa gtgccccaga cgggatcaag 60
 actccaatga caaccataag attccctaaa gctaagacac tg 102

<210> 493
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 493
 gactgggtga tgaagtctcg atcctagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag aactgcgaa aaaaaaaaa 119

<210> 494
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 494
 ggggtgtgaag tctcgatccc agacgggaga tgctgccaag tgccccagac gggatcaaga 60
 ctccaatggc aaccataaga ttccctaaag ctaagacact gc 102

<210> 495
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 495
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag aactgcaaa aaaaaaaa 118

<210> 496
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 496
 gactgagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc cagccctcca 60
 cattcctcca atggccattc gcccgaagac tcattccacga gcccattaa aaaaaaaa 118

<210> 497
 <211> 192
 <212> DNA
 <213> Mus musculus

<400> 497
 ggacacactg agcttggtctg aagaggaaat aaaaactgag caggaggtgg tggagggaat 60
 ggatatctct actcgctcca aagatcctgt ctctacagag aaaacggccc cgaaacggaa 120
 gttccccagc cctccacatt cctccaatgg ccattcgccc caagactcat ccacgagccc 180
 caaaaaaaaa aa 192

<210> 498
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 498
 actgaggtga tgaagtctcg atcactagac gggagatgct gccaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 120

<210> 499
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 499
 gagatcctgc tctacagaga aaacggcccc gaaacggaag ttccccagcc ctccacattc 60
 ctccaatggc cattcgcccc aagactcatc cagcagcccc attaaaaaaaa aaa 113

<210> 500
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 500
 cccccctttc actgcagcng gntctggctg cantgctgcc tcgnacgatg tctctatact 60
 ccagccagcc agctgttgac gtgatangca caagggattg gagagacaca ggtaaagang 120
 cccantgagt tattaaaggt ctatatatta atctactggt aaaaaaaaaa aa 172

<210> 501
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 501
 cctgtctcta cagagaaaac ggccccgaaa cggaagttcc ccagccctcc acattcctcc 60
 aatggccatt cgcccccaaga ctcatccacg agccccatta aaaaaaaaaa 109

<210> 502
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 502
 ctggcctggc tgcagtgctg cctcgtcgat gtctctatac tccanccagc cagctgttga 60
 cgtgataggc agaagggtt ggagagacac aggtannгаа gccaatgag ttattaaagg 120
 nctatatatta aatctactgg taaaaaaaaa aa 152

<210> 503
 <211> 149
 <212> DNA
 <213> Mus musculus

<400> 503

tctggctgca	gtgctgcctc	gtcgatgtct	ctatactcca	gccagccagc	tgttgacgtg	60
ataggcagaa	gggattggag	agacacaggt	aaagaagccc	aatgagttat	taaaggtcta	120
tattttaa	tactggtaca	aaaaaaaa				149

<210> 504
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 504						60
agactgggtg	atgaagtctc	gatcctagac	gggagatgct	gccaagtgcc	ccagacggga	119
tcaagactcc	aatgacaacc	ataagattcc	ctaaagctaa	gacactgcaa	aaaaaaaa	

<210> 505
 <211> 194
 <212> DNA
 <213> Mus musculus

<400> 505						60
ttgaagactg	agcttggctg	aagaggaaat	aaaaactgag	caggaggtgg	tggaggggaat	120
ggatatctct	actcgctcca	aagatcctgt	ctctacagag	aaaacggccc	cgaaacggaa	180
gttccccagc	cctccacatt	cctccaatgg	ccattcgccc	caagactcat	ccacgagccc	194
cattaaaaaa	aaaa					

<210> 506
 <211> 124
 <212> DNA
 <213> Mus musculus

<400> 506						60
ggtgagactg	tggtttgaag	tcttgatcct	agacgggaga	tgctgccaag	tgccccggac	120
gggatcaaga	ctccaatgac	aaccataaga	tccctaag	ctaagacact	gcagaaaaaa	124
aaaa						

<210> 507
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 507						60
aagactgggt	gatgaagtct	cgatcctaga	cgggagatgc	tgccaagtgc	cccggacggg	120
atcaagactc	caatgacaac	cataagattc	cctaaagcta	agacactgca	gaaaaaaaaa	121
a						

<210> 508
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 508						60
agactgggtg	tgaagtctcg	atcactagac	gggagatgct	gccaagtgcc	ccggacggga	120
tcaagactcc	aatgacaacc	ataagattcc	ctaaagctaa	gacactgcag	aaaaaaaaaa	

<210> 509
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 509						60
agactgggtg	atgaagtctc	gatcactaga	cgggagatgc	tgccaagtgc	cccagacggg	120
atcaagactc	caatgacaac	cataagattc	cctaaagcta	agacactgca	gaaaaaaaaa	121
a						

<210> 510
 <211> 192
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 510
 aaagatggcg cagagattca acganctgga tgcttttnca gaggaccac cnagngggtc 60
 acanccgatc acttacanag ggacgggcat cctcttctga cctctgagga cattgtacat 120
 gcatggtgca tagattaca tgcaagcaa cgcctgtaca cgtaaaataa gtaataaaag 180
 tctttaacac at 192

<210> 511
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 511
 tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagntncc cagcccttca 60
 cattcctcca atggccattc gncccaagac tcatccacga gccccattaa aaaaaaaaa 118

<210> 512
 <211> 143
 <212> DNA
 <213> Mus musculus

<400> 512
 ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa 60
 gcccagtgag cagttcaaat ataaaaccgc acataacaag aaaagtgaag caccatgaaa 120
 ctcttgtttg attaaaaaaaa aaa 143

<210> 513
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 513
 ggctgaacag gagaatccca nattgccttc actcacaaga tctggcagcc agagccccga 60
 gtcccccaag cccagtgagc agttcaaata taaaaccgca cataataaga aaagtgaagc 120
 accatgaaac tcttgtttga ttaaaaaaaaa aa 152

<210> 514
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)

<223> n = A,T,C or G

<400> 514
tgtcttcact cacaagatct ggcagncaag agccccgagt cccccaagcc cagtgagcag 60
ttcaaataata aaaccgcaca taacaagaaa agtgaagcac catgaaactc ttgtttgatt 120
gaaaaaaaaa aa 132

<210> 515
<211> 113
<212> DNA
<213> Mus musculus

<400> 515
agatcctgtc tctacagaga aaacggcccc gaaacggaag ttccccagcc ctccacattc 60
ctccaatggc cattcgcccc aagactcatc cacgagcccc attaaaaaaaa aaa 113

<210> 516
<211> 157
<212> DNA
<213> Mus musculus

<400> 516
gactgagctt tgaattcatg agaaagaaga gtgtgaaaca agaagcaaag atcgggttg 60
aagagggcaa gaggaaaggg ggggatggaa ggaaaccctg cagccaccaa cacaataaac 120
acaataaact gtatcctgac cacctcaaaa aaaaaaa 157

<210> 517
<211> 168
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 517
actgaggaag tttggtgagc ggncctccacc cannegactc actaggggaag ctatgcnaca 60
ttatttaanc agaacgatgg ggatcaaaca gtgctcattc ttcatgcaaa agttgcacag 120
aagtctnacg gaaatgaaaa acgattnttt tgccctcctc cttgtgtg 168

<210> 518
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 518
aaaactactc tgcatatnac tottcacaag catnaacaag tgatcttcca cccctctgcc 60
tctcctctgc aanaacagcn agtgccttta acctgttaat catggagcat tttcactag 119

<210> 519
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)

<223> n = A,T,C or G

<400> 519
gaaaactact ctgcataatna ctcttcanaa gcantaacaa gtgatcttcc acccctctgc 60
ctctcctctg cnagaacagc nagtgctctt aacctgttaa tcatggagca ttttcactag 120
cataaaagaa aaaa 134

<210> 520
<211> 118
<212> DNA
<213> Mus musculus

<400> 520
ctgaggtgat gaagtctcga tcctagacgg gagatgctgc caagtgcccc agacgggato 60
aagactccaa tgacaacat aagattccct aaagctaaga cactgcagaa aaaaaaaaa 118

<210> 521
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 521
ctgaggatct agactgaggt gangaagnct cgatcctaga cgggagatgc tgccaagtgc 60
cccagacggg atcaagactc caatgacnac cataagattc cctaaagcta agacactgca 120

<210> 522
<211> 196
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 522
tttgacacac tgagcttggc tgaanaggaa ataaaaactg agcaggaggt ggtggaggga 60
atggatatct ctactcgctc canagatnct gtctctacag agaaaacggc cccgaaacgg 120
aagttcccca gccctccaca ttcttccaat ggccattcgc cccaagactc atccacgagc 180
cccatataaaa aaaaaa 196

<210> 523
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 523
ctaggggaagc tatgcnanat nattttaaag aacgagggga tcaaacagtgc ctcattcttc 60
atgcaaaagt tgcacagaag tcttacggaa atgaaaaacg atttttttgc cctcctcctt 120
gtgtgtatct tatgggcagt ggttgaaaa aaaaaa 157

<210> 524
<211> 116

<212> DNA
<213> Mus musculus

<400> 524
ctgggtgtga agcctcgatc ctagacggga gatgctgcc aagtccccag acgggatcaa 60
gactccaatg acaaccataa gattccctaa agctaagaca ctgcagaaaa aaaaaa 116

<210> 525
<211> 193
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(193)
<223> n = A,T,C or G

<400> 525
acagactgag cttggctgaa gangaaataa aaactganca ggaggtggng ggaggggaatg 60
gatatctnta ctgctccaa agatcctgtc tctacagaga aaacggcccc gaaacggaag 120
ttccccagcc ctccacattc ctccaatggc cattcgcccc aagactcatc cacgagcccc 180
attaaaaaaaa aaa 193

<210> 526
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 526
ccctgacgga gctggancta caatgcnact gngaaaacta ctntgcatat nacnnttcac 60
aagcagtaac aagtgaactt ccacccctct gcctctcctc tgcaaagaac agcaagtgtc 120
cttaacctgt taatcatgga gcattttcac tagcaaaaaa aaaa 164

<210> 527
<211> 196
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 527
tcaatttaca cctgcgatca ctgncanacan gacttcaagt ctctggcnaa cctgacggac 60
nnccggcccc accgctgtcc tggaggtaat gctaaatagc gccgggattc tgacaggtgg 120
ttacacggat aattggacat agcaccagct tgaagcctca cgtgagatta aagaattant 180
aatgtaaaaa aaaaaa 196

<210> 528
<211> 178
<212> DNA
<213> Mus musculus

<400> 528
aggtcagtca gctccccctgg tggagctgga gctacaagca actgtgaaaa ctactctgca 60
tattactctt caaaggcagt aacaagtgat cttccacccc tctgcctctc ctctgcaagg 120
aacaagcaag tgctcttaac ctgttaatca tggagcattt tcactaataa caaaaaaa 178

<210> 529
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 529									
gactgaggct	gaagaggnga	atcccatatt	gcnttcactc	acaagatctg	gcagccagag				60
ccccgagtc	ccaagccca	gtgagcagtt	caaataataa	accgcacata	acaagaaaag				120
tgaagcacca	tgaaactctt	gtttgattaa	aaaaaaaa						158

<210> 530
 <211> 225
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 530									
caccctgagg	cctgtgctnc	atactgnttt	gaagataana	aacctgcttg	gctngnaang				60
aggttcccaa	atggggaaac	tcaatagtag	ttccccctgtg	ccaccactct	gggcctttta				120
atgccaagaa	agaattcagc	cgcagaagac	cttgaggatg	gtggcggacg	tgcagaatga				180
tggaggactt	gcagaaacca	tngaccccg	ccacccaaac	ctttt					225

<210> 531
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 531									
aggaccacc	caggggntca	caaccgttca	nttccanagg	gacgggcatc	ctnttntgac				60
ctntgaggac	ntngtacatg	catggggcat	agattcacat	gcaagcaaac	gcctgtncac				120
gtaaagtaaa	gtaacaaaaa	gtctttacca	cacaaaaaaa	aa					162

<210> 532
 <211> 207
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

<400> 532									
aactgagtga	gagactgaga	tgaaaagant	gngagagacn	ggcttgcttt	tnnagaggac				60
nantcncgag	gnncagaacc	ngccnacttn	cagagggact	gggcatacta	ttctgacctn				120
tgaggacatt	gaacatacat	ggngcataga	tttacetgca	agcaaacgcc	tgtacacgta				180
aaataagnaa	taaaagtctt	taacaca							207

<210> 533

<211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 533
 agactgaggt ggttgaagac tgggggcnng agngctttgn aaacagaaga cctgcaggaa 60
 atgccgagta atgacttgtg ttggttcacc ctccctgctc ccgtcttctt ttaaaacaaa 120
 taaacggaat ggaaacgccc acattactta caaaaaaaaa a 161

<210> 534
 <211> 104
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(104)
 <223> n = A,T,C or G

<400> 534
 ttctgacctc tgaggacatt gnacatgcat ggtgcataga tttacatgca agcaaacgcc 60
 tgtacacgta aaataagtaa taaaagtctt taacacgaaa aaaa 104

<210> 535
 <211> 188
 <212> DNA
 <213> Mus musculus

<400> 535
 actgagcttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat 60
 ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
 cagccctcca cattcctcca atggccattc gcccacagac tcatccacga gcccattaa 180
 aaaaaaaaaa 188

<210> 536
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 536
 gtcagctccc ctggtggagn tggagctaca agcaactgng aaaactactc tgcatattac 60
 tcttcaaaag cagtaacaag tgatcttcca cccctctgcc tctcctctgc aagaacagna 120
 nagtgctctt aacctgttaa tcatggagca ttttactag c 161

<210> 537
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 537
 gactgaggtg atgaagtctg gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 538
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 538
 aggagtgcct tgcaaacaga agacctgcag gaaatgccga gtaatgactt gtgttggttc 60
 accctccctg ctcccgctct cttttaaaac aaataaacag aatggaaacg cccacaaaaa 120
 aaaaa 125

<210> 539
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 539
 ggggttgga agatggcgca gagattacaa gagctggctg cttttccaga agacccaacc 60
 ccaggtgggt tcacaacccg ttcactttcc agaggggacg gggcatcctc ttctgacctc 120
 tggaggacat tgtacatgca tgggtcatag atttacatgc aaagcaaacg cctgtacacg 180
 taaaataagt aataaaagtc tttaacacat ctctttaaag ttcaaaaaaa aaaa 234

<210> 540
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 540
 agactgggct gaagaggaga atcccagatt gccttcaact ncaaagaatc tggcngncn 60
 gagccccgag tcccccaagc ccagtgagca gttcaaataa aaaaccgcac ataacaagaa 120
 aagtgaagca ccatgaaact cttgtttgat taaaaaaaaa a 161

<210> 541
 <211> 163
 <212> DNA
 <213> Mus musculus

<400> 541
 ttggagactg ggctgaagag gagaatccca gattgccttc actcacaaga tctgggcagc 60
 cagagccccg agtcccccaa gccagtgag cagttcaaata ataaaaccgc acataacaag 120
 aaaagtgaag caccatgaaa ctcttgtttg attaaaaaaaa aaa 163

<210> 542
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 542
 aggctgaaga ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg 60
 agtcccccaa gccagtgag cagttcaaata atnaaaccgc acataacaag aaaagtgaag 120
 caccatgaaa ctcttgtttg attaaaaaaaa aaa 153

<210> 543
 <211> 155

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(155)
 <223> n = A,T,C or G

 <400> 543
 ctggggttgaa gaggagaatn ccagattgcc ttcactcaca agatntggca gcctgagccc 60
 cgagtccccc angcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
 agcacatga aactcttgtt tgattaaaaa aaaaa 155

 <210> 544
 <211> 112
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(112)
 <223> n = A,T,C or G

 <400> 544
 gattgctttg caaacagaag acctgcagga aatgccgagt aatgacttgt gttggttcac 60
 cctccctgct cccgtcttcc tttaaaacaa ataancagaa tggaaacgcc ca 112

 <210> 545
 <211> 163
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

 <400> 545
 tttacacact gagctgantn gagaatccca gtactgcctt cactcgcaag atctggcagc 60
 cagagccccg agtcccccaa gccagtgag cagntcaaat ntaaaaccgc acataacaag 120
 aaaagtgang caccatgaaa ctcttggttg attaaaaaaa aaa 163

 <210> 546
 <211> 160
 <212> DNA
 <213> Mus musculus

 <400> 546
 cagactgagg ctgaagagga gaatccaga ttgccttcac tcacaagatc tggcagccag 60
 agccccgagt cccccaagcc cagtgagcag ttcaaataa aaaccgcaca taacaagaaa 120
 agtgaagcac catgaaactc ttgtttgatt aaaaaaaaaa 160

 <210> 547
 <211> 218
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

 <400> 547

ttgagaattc	ctaaganggt	ncagaganta	caagagctgg	ctgcttttcc	agaggacca	60
cccacnggct	canaactcgt	tcactnnncan	agggacgggc	ngnctcttct	gacctctgag	120
gacattgtac	atgcatgggt	gcatagattt	tacatgcaag	caaacgcctg	tncacgtaaa	180
aataagtaat	aaaagtcttt	aacacatcaa	aaaaaaaa			218

<210> 548
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 548	
ctgaggctga	agaggagaat
cccagattgc	cttcactcac
aagatctggc	agccagagcc
ccgagtcccc	caagcccagc
gagcagttca	aatataaaac
cgcacataac	aagaaaagtg
aagcaccatg	aaactcttgt
ttgattaaaa	aaaaaa
	60
	120
	156

<210> 549
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 549	
ccagattgcc	ttcactcaca
agatctggca	gncagagccc
cgagtcccc	aagcccagtg
agcagttcaa	atataaaacc
gcacataaca	agaaaagtga
agcaccatga	antctttgtt
tgattaaaaa	aaaaa
	60
	120
	135

<210> 550
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 550	
tgaagaggag	aatcccagnt
tgccttcact	cacaagatct
ggcagccaga	gccccgagtc
ccccaaagccc	agtgagcagc
tcaaataata	aaccgcacat
aacaagaaaa	gtgaagcacc
atgaaactct	tgtttgatta
aaaaaaaaaa	
	60
	120
	149

<210> 551
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 551	
ctgaggctga	agaggagaat
cccagattgc	cttcactcac
aagatctggc	agccagagcc
ccgagtcccc	caagcccagc
gagcagttca	aatataaaac
cgcacataac	aagaaaagtg
aagcaccatg	aaactcttgt
ttgattaaaa	aaaaaa
	60
	120
	156

<210> 552
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 552	
ctgaggctga	agaggagaat
cccagattgc	cttcactcac
aagatctggc	agccagagcc
ccgagtcccc	caagcccagc
gagcagttca	aatataaaac
cgcacataac	aagaaaagtg
	60
	120

aagcaccatg aagctcttgt ttgattgaaa aaaaaaaaa 158

<210> 553
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 553
 gaggtgaag aggagaatcc cagattgcct tctctcaca tgatctggca tgccagagcc 60
 ccgagtcgcc caagcccagt gagcagttca aatataaaac cgcacataac aagaaaagt 120
 aagcaccatg aaactcttgt ttgattaaaa aaaaaa 156

<210> 554
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 554
 cactgaggct gaagaggaga atcccagatt gccttcaactc acaagatctg gcagccagag 60
 ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
 tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 555
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)..(170)
 <223> n = A,T,C or G

<400> 555
 aaggcgaaga acctacttgg acctcactgt tataggcctc ncttngnacc cctattatat 60
 tgcccagacat tgtcaaagtt ccccaccaca tnaaaggcca tcttontgtg caagctgntn 120
 cacacaggcc tctgaggaaa ttttntgtg ttctggaagc tctaaagaaa 170

<210> 556
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 556
 cagagccccc agtcccccaa gccagtgag cagttcaaata ataaaaccgc acataacaag 60
 aaaagtgaag caccatgaaa ctcttggttg attaaaaaaaa aaa 103

<210> 557
 <211> 186
 <212> DNA
 <213> Mus musculus

<400> 557
 tgagcttggc tgaagaggaa ataaaaactg agcaggaggt ggtggaggga atggatatct 60
 ctactcgtc caaagatcct gtctctacag agaaaacggc cccgaaacgg aagttcccca 120
 gccctccaca ttcttccaat ggccattcgc cccaagactc atccacgagc cccattaaaa 180
 aaaaaa 186

<210> 558
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 558

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agactgagggc tgaaggggag aatcccagat tgccttcact cacaagatct ggcagccaga    60
gccccgagtc cccaagccc agtgagcagt tcaaataata aaccgcacat aacaagaaaa    120
gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa    159

```

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<210> 559
<211> 159
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

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<400> 559
acagactggg ctgaagagga naatcccaga ttgccttcct cacaagatct ggcagccaga    60
gccccgagtc cccaagctcc agtgagcagt tcaaataata naccgcacat aacaagaaaa    120
gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa    159

```

```

<210> 560
<211> 157
<212> DNA
<213> Mus musculus

```

```

<400> 560
agactgggct gaagaggaga atcccagatt gccttctcct caagatctgg cagccagagc    60
cccaggtccc ccaagcccag tgggcagttc aaatataaaa ccgcacataa caagaaaagt    120
gaagcaccat gaaactcttg tttgattaaa aaaaaaaa    157

```

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<210> 561
<211> 217
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(217)
<223> n = A,T,C or G

```

```

<400> 561
actgaggctg aagattacaa tnanctggct gcttttccag agggacccac ccagtgggnt    60
tcacaacccg ttccactttc cagaaggagc ggggcatcct cttttgacct ctgnggacat    120
tgtacatgca tggngcatag atttacatgc aagcaaacgc ctgtncctgt aaaataagta    180
ataaaagtct ttaacacatc tctttaagaa aaaaaaaa    217

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<210> 562
<211> 215
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

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<400> 562
tcattttcttc ttcttttncn gtttacctna atttaacccc ncttttncn acactgnggc    60
atggactggc tgcagtgtcg cctcgtagat gtctctatac tccagccagc cngctgntga    120
cgtnatnggc ngaagggatn ggngagacac aggtnaagaa ncccantgag ttattaaagg    180
tctatatatt aaatctactg gttcaaaaaa aaaaaa    215

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<210> 563
<211> 105

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<212> DNA
 <213> Mus musculus

<400> 563
 ccagctgttg acgtgatagg cagaagggat tggagagaca caggtaaaga agcccaatga 60
 gttattaaag gtctatatattt aaatctactg gtacaaaaaa aaaga 105

<210> 564
 <211> 187
 <212> DNA
 <213> Mus musculus

<400> 564
 ctgagcttgg ctgaagagga aataaaaact gagcaggagg tggaggaggg aatggatatc 60
 tctactcgct ccaaagatcc tgtctctaca gagaaaacgg ccccgaaacg gaagttcccc 120
 agccctccac attcctccaa tggccattcg cccaagact catccacgag ccccatataa 180
 aaaaaaa 187

<210> 565
 <211> 160
 <212> DNA
 <213> Mus musculus

<400> 565
 agaactgagg ctgaagagga gaatcccaga ttgccttcac tcacaagatc tggcagccag 60
 agccccgagt ccccaagcc cagtgagcag ttcaaatata aaaccgcaca taacaagaaa 120
 agtgaagcac catgaaactc ttgtctgatt aaaaaaaaaa 160

<210> 566
 <211> 168
 <212> DNA
 <213> Mus musculus

<400> 566
 gcctgggtct agaagtccga agagggtcagt cagctcccct ggtggagctg gagcccaagc 60
 aactgtgaaa actactctgc atattactct tcaaaagcag taacaagtga tcttccacc 120
 ctctgcctct cctctgcaag aacagcaagt ggctttaacc cggtaaac 168

<210> 567
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 567
 ctgaggtgat gaagtctcga ttactagacg ggagatgctg ccaagtgcc cggacgggat 60
 caagactcca ataacaacca taagattccc taaagctaag aactgcaga aaaaaaaaaa 119

<210> 568
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 568
 ctgggtgtga agtctcgatc actagacggg agacgctgcc aagtgcccc aacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcaaaaa aaaaaa 116

<210> 569
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

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<222> (1)...(159)
<223> n = A,T,C or G

<400> 569
cagactgagc tttgaattcn ngagaangaa gagtgtgaaa caagaagcaa agatcggggt      60
ggaagagggc aagaggaaaag ggggggatgg aaggaaaccc tgcagccacc aacacaataa      120
acacaataaa ctgtatcctg accacctcaa aaaaaaaaaa      159

<210> 570
<211> 122
<212> DNA
<213> Mus musculus

<400> 570
agactgaggt gatgaagtct cgatcactag acgggagatg ctgccaaagtg cccagacgg      60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaaaaaaaaa      120
aa      122

<210> 571
<211> 103
<212> DNA
<213> Mus musculus

<400> 571
tcgatcacta gacgggagat gctgccaaagt gcccagacg ggatcaagac tccaatgaca      60
accataagat tccctaaagc taagacactg cagaaaaaaaa aaa      103

<210> 572
<211> 118
<212> DNA
<213> Mus musculus

<400> 572
ctgtttgtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat      60
caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaaa      118

<210> 573
<211> 119
<212> DNA
<213> Mus musculus

<400> 573
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat      60
caagactcca atgacaacca taagattccc taaagctaag acactgcgaa aaaaaaaaa      119

<210> 574
<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 574
gccctgaggt gatgaagtct cgatcactag acgggagatg ctgccaaagtg ccctagacgg      60
gatcaagact ccaatgncaa ccataagatt ncctaaagct aagacactgc agaaaaa      116

<210> 575
<211> 120
<212> DNA
<213> Mus musculus

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<400> 575
gactgagggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaggcta agacactgca aaaaaaaaaa      120

<210> 576
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 576
ctgagggtgat gaagtctnga tcactagacg ggagatgctg ccaagtgcc cagacgggat      60
caagactcca atgacaacca taagattccc taaagctaag aactgcaga aaaaaaaaaa      119

<210> 577
<211> 118
<212> DNA
<213> Mus musculus

<400> 577
actgagatcc tgtctctaca gagaaaacgg ccccgaaacg gaagttcccc agccctccac      60
attcctccaa tggggccattc gcccgaagac tcatccacga gccccattaa aaaaaaaa      118

<210> 578
<211> 146
<212> DNA
<213> Mus musculus

<400> 578
gaggagaatc ccagattgcc ttcactcaca agatctggca ggccagagcc ccgagtcgcc      60
caagcccagt gagcagttca aatataaaac cgcacataac aagaaaagtg aagcaccatg      120
aaactcttgt ttgattaaaa aaaaaa      146

<210> 579
<211> 113
<212> DNA
<213> Mus musculus

<400> 579
atatggcagc cagagccccg agtcccccaa gcccagtgag cagttcaa ataaaaaccgc      60
acataacaag aaaagtgaag caccatgaaa ctcttgtttg attaaaaaaaaaaa      113

<210> 580
<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 580
gccttcactc acaagatctg gctgccagag ccccgagtcc ccccgcccag tgagcanttc      60
aaatatgaaa ccgcacataa caagaaaagt gaagcaccat gaaactcttg tttgat      116

<210> 581
<211> 157
<212> DNA

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<213> Mus musculus

<400> 581
gactgaggct gaagaggaga atcccagatt gccttcctca caagatctgg cagccagagc 60
cccagatccc ccaagcccag tgagcagttc aaatataaaa ccgcacataa caagaaaagt 120
gaagcaccat gaaactcttg tttgattaaa aaaaaaa 157

<210> 582
<211> 157
<212> DNA
<213> Mus musculus

<400> 582
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc cccaagccca gtgagcagtt caatataaaa ccgcacataa caagaaaagt 120
gaagcaccat gaaactcttg tttgattaaa aaaaaaa 157

<210> 583
<211> 157
<212> DNA
<213> Mus musculus

<400> 583
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc ccaagcccag tgagcagttc aaatataaaa ccgcacataa caagaaaagt 120
gaagcaccat gaaactcttg tttgattaaa aaaaaaa 157

<210> 584
<211> 158
<212> DNA
<213> Mus musculus

<400> 584
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc cccaagccca gtgagcagtt caaatataaaa accgcacata acaagaaaag 120
tgaagcacca tgaactctt gtttgattaa aaaaaaaaa 158

<210> 585
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 585
aagaaattaa attagccgtt ttgcgcgagg ccgcccagga cggagcgatt ctacggagga 60
aggagcacgc caacagggcc tgactgcgta cagaaatgcc cccctcaat aaaattgcng 120
ttgaaatgga aaaaaaaaaa 140

<210> 586
<211> 110
<212> DNA
<213> Mus musculus

<400> 586
gactgaggct atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc cagtgacaac cataagattc cctaaagcta agacactgca 110

<210> 587
<211> 112

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(112)
 <223> n = A,T,C or G

 <400> 587
 ccatttgagg tgacgaagtc tctatcacta gacgggagat gctgccaagt gcccagacg 60
 ggatcaagac tccnttgaca accataagat tccctaaagc taagacactg ca 112

 <210> 588
 <211> 137
 <212> DNA
 <213> Mus musculus

 <400> 588
 gctctgggga gctccagaac tgaggtgatg aagtctcgat cctagacggg agatgctgcc 60
 aagtgcccc gacgggatca agactccaat gacaaccata agattcccta aagctaagac 120
 actgcagaaa aaaaaaa 137

 <210> 589
 <211> 114
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

 <400> 589
 gtgatgaagt ctcgatcact agacgggaga tgctgccaag ngccccagac gggatcaaga 60
 ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa aaaa 114

 <210> 590
 <211> 119
 <212> DNA
 <213> Mus musculus

 <400> 590
 tgaagtgatg aagtctcgat cactatgacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag aactgcaga aaaaaaaaa 119

 <210> 591
 <211> 122
 <212> DNA
 <213> Mus musculus

 <400> 591
 gaactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtg cccagacgg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc gaaaaaaaa 120
 aa 122

 <210> 592
 <211> 120
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(120)

<223> n = A,T,C or G

<400> 592

agactgggtg	atgaagtctc	gatacctagac	gggagatgct	gccaaagtgcc	ccagccggga	60
tttngactcc	aatgacaacc	ataagattcc	ctaaagctaa	gacactgcag	aaaaaaaaa	120

<210> 593

<211> 146

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(146)

<223> n = A,T,C or G

<400> 593

agaggagaat	cccagattgc	nttnactcac	aagatctggc	agccagagcc	ccgagtcccc	60
caagcccagt	gagcagttca	aatataaaac	cgcacataac	angaaaagtg	aagcaccatg	120
aaacacttgt	ttgattaaaa	aaaaaa				146

<210> 594

<211> 171

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(171)

<223> n = A,T,C or G

<400> 594

cagaggaccc	acccagaggc	tcacaaccgt	tcacttccag	agggacgggc	atcctnttct	60
gacctctgag	gacattgtac	atgcatgggtg	catagattta	cntgcaagca	aacgcctgta	120
cacgtaaaat	aagtaataaa	agtctttaac	acatctcttt	aaaaaaaaa	a	171

<210> 595

<211> 149

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 595

actgaggggg	ttgaagactg	ngggcgggag	ngcttngcaa	acnnaanacc	tgagggaaat	60
gccgagtaat	gacttgtgtt	ggttcacccct	ccctgctccc	gtcttctttt	aaaacaaata	120
aacagaatgg	aaacgccaga	aaaaaaaaa				149

<210> 596

<211> 191

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(191)

<223> n = A,T,C or G

<400> 596

gaaataacaa	gagctggctg	ctttncacga	ggacccaccc	aggggctcac	aaccgnncac	60
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ttccagaggg acagggcatc ctcttctgac ctctgaggac attgtacatg catgggtgcat 120
agattttacat gcaagcaaac gcctgtacac gtaaganaag taataaaaagt ctttaacaca 180
tctcttttaa g 191

<210> 597
<211> 169
<212> DNA
<213> Mus musculus

<400> 597
agactgggtg gagactgagg ctgaagagga gaatcccaga ttgccttcct cacaagatct 60
ggcagccaga gccccgagtc ccccaagccc agtgagcagt tcaaataata aaccgcacat 120
aacaagaaaa gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa 169

<210> 598
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 598
agagaatccc agattgcctt cactcacaag atctggcagc cagagccccc agtcccccaa 60
gccagtgag cagttcaaata ataaaaaccgc acatancaag aaaagtgaag caccatgaaa 120
ctcttggttg attaaaaaaaa aaa 143

<210> 599
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 599
tcacaagatc tggcancnag anccccgagt cccccaagcc cagtgagcng ttnaaannta 60
naaccgcaca tatcaganaa aaggagaagc accatgaaac tcttggttga ttaaaaaaaaaa 120
aa 122

<210> 600
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 600
ttgttgacgg gctctcaagg cncacaaccg tnnactttca gagggacggg catactnttc 60
tgacctntga ggacattgna catgcatggt gcatagattt acatgcaagc aaacgcctgt 120
acacgtaaaa taagnaataa aagtctttta caaaaaaaaa a 161

<210> 601
<211> 189
<212> DNA
<213> Mus musculus

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<400> 601
aagactgagc ttggctgaag aggaaataaa aactgagcag gaggtggtgg agggaatgga      60
tattcttact cgctccaaag atcctgtctc tacagagaaa acggccccga aacggaagtt      120
ccccagccct ccacattcct ccaatggcca ttgcgcccaa gactcatcca cgagcccaa      180
aaaaaaaaa
<210> 602
<211> 160
<212> DNA
<213> Mus musculus

<400> 602
actgagcagg aggtggtgga gggaatggat atctctactc gctccaaaga tcctgtctct      60
acagagaaaa cgccccgaa acggaagtgc cccagccctc cacattcctc caatggccat      120
tcgccccaa gactcatcac gagccccatt aaaaaaaaaa      160

<210> 603
<211> 122
<212> DNA
<213> Mus musculus

<400> 603
ttagactgag atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct      60
ccacattcct ccaatggggc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa      120
aa
<210> 604
<211> 356
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 604
agactgaatg agctacagta cctgcacttt accccagtag ccctgaagtg tgggccccgt      60
accctctgta cccagcggag ttagcgcttg ctcttcctcc tcctgccgnt ttcacctacc      120
ccgcttact gcatgccag aggcncgtga tacatgcata cgagnacacn tctganntnt      180
gnaacttact gncaacatat gatgannget gtctgggaat gagcctggca catatcanac      240
ctactgcaga ccanaaacgg agctnncgn cggaatgtat tanaacnnc tncctcatt      300
ttggaaanaa nantgttct ttgacactgt ncgaaaganc caataaaaaa ttttaa      356

<210> 605
<211> 141
<212> DNA
<213> Mus musculus

<400> 605
agattattta aaagaacgag gggatcaaac agtgctcatt cttcatgcaa aagttgcaca      60
gaagtcttac ggaaatgaaa aacgattttt ttgccctcct cttgtgtgt atcttatggg      120
cagtgggttg aaaaaaaaaa a
<210> 606
<211> 189
<212> DNA
<213> Mus musculus

<400> 606
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata      60
tctctactcg ctccaaagat cctgtctcta cagagaaaaac ggccccgaaa cggaagttcc      120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta      180

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aaaaaaaaa 189

<210> 607
<211> 162
<212> DNA
<213> Mus musculus

<400> 607
agactgaggc tgaagaggag aatcccagat tgccttcact cacaagatct ggcagccaga 60
gccccgagtc cccaagccc agtgagcagt tcaaataata aaccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgatta aaaaaagaag aa 162

<210> 608
<211> 119
<212> DNA
<213> Mus musculus

<400> 608
aactgagggtg atgaggtctc gatcctagac gggagatgct gccaaagcgc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 609
<211> 124
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 609
gcgtgtcacc gatgccgtca ggacggagcg gattctnacg gnngaaggag cacgccaaaca 60
nggcctgact gcgtacagac atgtccccct caataaaaatt gcagttgaaa tggaaaaaaaaa 120
aaaa 124

<210> 610
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 610
cactgagggtg atgaggtctc gatcactaga cgggagatgc tgccaagngc cccngacggg 60
atcaagactn cnntgacnac catnagattc ctaaagcta agacactgca aaaaaaaaaa 120

<210> 611
<211> 121
<212> DNA
<213> Mus musculus

<400> 611
gactgagggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc ctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 612
<211> 121
<212> DNA

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<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 612

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agagactgag atcctgtctc tacagagaaa acggccccga aacggaagtt cccagncct      60
ccacattcct ccaatggcca ttcgccccaa gactcatcca cgagcccat taaaaaaaaa      120
a                                          121
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<210> 613

<211> 109

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(109)

<223> n = A,T,C or G

<400> 613

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gaagtctcga tcactagacg ggagatgctg ccangtgccc cagacgggat caagactcca      60
atggcggnc a taagattccc taaagctaag acactgcaga aaaaaaaaaa      109
```

<210> 614

<211> 111

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 614

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agactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtg cccagacgn      60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aggacactgc a      111
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<210> 615

<211> 113

<212> DNA

<213> Mus musculus

<400> 615

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tgatgaagtc tcgatcacta gacgggagat gctgccatgt gcccagacg ggatcaagac      60
tccaatgaca accataagat tccctaaagc taagacactg cagaaaaaaaa aaa      113
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<210> 616

<211> 120

<212> DNA

<213> Mus musculus

<400> 616

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cactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120
```

<210> 617

<211> 157

<212> DNA

<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 617
gagcaggagg tgggtggaggg aatggatata tctactcgt ccaaagatcc tgtctctaca      60
gagaaaacgg ncccgaaacg gaagttcccc agccctccac attcntccaa tggccattcg      120
ccccaagact catccacgag ccccatataa aaaaaaa      157

<210> 618
<211> 120
<212> DNA
<213> Mus musculus

<400> 618
ccctgagggtg atgagggtctc gatcactaga cgggagatgc tgctaagtgc ccagacggg      60
atcaagagtc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120

<210> 619
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 619
tgatgaagtc tcgatcacta gacgggagat gctgccaagt gccccagacg ggatcaagac      60
tccaatgaca accataagat tccccaaagc tnagacactg cagaagaaaa aaaa      114

<210> 620
<211> 121
<212> DNA
<213> Mus musculus

<400> 620
gactgagggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg      60
atcaagagtc caatgacaac cataagattc cctaaagcta agacactgcy aaaaaaaaaa      120
a      121

<210> 621
<211> 101
<212> DNA
<213> Mus musculus

<400> 621
tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct ccaatggcca      60
ttcgcccaa gactcatcca cgagcccat taaaaaaaaa a      101

<210> 622
<211> 118
<212> DNA
<213> Mus musculus

<400> 622
tgaggatgatg aagtctogat cactagacgg gagatgctgc caagtgccc agacgggatc      60
aagactccaa tgacaacat aagattccct aaagctaaga cactgcgaaa aaaaaaa      118

<210> 623
<211> 120

```

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<212> DNA
<213> Mus musculus

<400> 623
acactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120

<210> 624
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 624
aaacactgat gtgcgcgtgt cgccnaggcc ngacaggacg gagcgattct cacggaggaa      60
ggagcacagc acaacagggc ctgactgcgt acagaaatgc cccccctcaa taaaattgca      120
gttgaaatga aaaaaaaa      137

<210> 625
<211> 120
<212> DNA
<213> Mus musculus

<400> 625
aactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120

<210> 626
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 626
acattgaggt gatgaagtct cgatcactan acgggagatg ctgccaagtg ccccngacgg      60
gatcaagact ccantgacaa ccataagatt ccctaaagct aagacactgc a      111

<210> 627
<211> 120
<212> DNA
<213> Mus musculus

<400> 627
aactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120

<210> 628
<211> 125
<212> DNA
<213> Mus musculus

<400> 628
gccagactga ggtgatgaag tctcgatcac tagacgggag atgctgccaa gtgccccaga      60
cgggatcaag actccaatga caaccataag attccctaaa gctaagacac tgcagaaaaa      120
aaaaa      125

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<210> 629
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 629
 agactgggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagatccc ctaaagctaa ggcaactgcag aaaaaaaaaa 120

<210> 630
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 630
 tcccagattg ccttcactca caagatctgg cagccagagc cccgagtccc ccaagcccag 60
 tgagcagttc aaatataaaa ccgcacataa caagaaaagt gaagcaccat gaaactcttg 120
 ttgattgaa aaaaaaaaaa 139

<210> 631
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 631
 ctattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa gccagtgag 60
 cagttcaaat ataaaaccgc acataacaag aaaagtgaag caccatgaaa ctcttgtttg 120

<210> 632
 <211> 143
 <212> DNA
 <213> Mus musculus

<400> 632
 ggagaatccc agattgcctt cactcacagg atctggcagc cagagccccg agtcccccaa 60
 gccagtgag cagttcaaat ataaaaccgc acataacaag aaaagtgaag caccatgaaa 120
 ctcttgtttg attaaaaaaaa aaa 143

<210> 633
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 633
 attgccttct ctcaacaagat ctggnagccn gagncccag tnccccatgn ccagcgagca 60
 gttnanatat aaaaccgctc ataacaagaa aagtgaagca ccatgaaact cttgtttgat 120
 tagaaaaa 128

<210> 634
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 634
gctttttccaa gaggacccac ccaggaggct cacaaccngt tcacttccag agggacgggc 60
atcctcttct gacctctgag gacattgtac atgcatggtg catagattta catgcaagca 120
aacgcctgta cacgtaaaat aagtaataaa aggctttagc acaca 165

<210> 635
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 635
gacaccgaga tttccaganc tggctgggtt tccagangac cccccagtgg ctnacaaccg 60
ttcactttca gagggacggg catcctcttc tgacctctga ggacattgtg catgcntggg 120
gcatatattt acatgcgagc aaacgcctgt gcacagtnaa ataagtaata aaagtnttta 180
tcacacaaaa aaaaa 195

<210> 636
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 636
aaacccctga ggctgaagag gagaatccca gattgccttc actcacaaga tctggcagcc 60
agagccccga gtcccccaag cccagtgagc agttcaaata taaaaccgca cataacaagn 120
aaagtgaagc accatgaaac tcttggttga ttaaaaaaaaa aa 162

<210> 637
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 637
aggaccacc cagtggctca caacnttca cttnanang nacngncatc ctnttctgac 60
ctctgaggac attgtacatg catggagcat agatttacat gcaa 104

<210> 638
<211> 133
<212> DNA
<213> Mus musculus

<400> 638
ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccc agtcccccaa 60
gccagttag cagttcaaat ataaaaacgc gcataacaag aaaagtgaag caccatgaaa 120
ctcttgtttg att 133

<210> 639
<211> 223
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(223)

<223> n = A,T,C or G

<400> 639

gggttgga	gatggcacag	cagattacaa	gagctggctg	cttttccaga	ggacccaccc	60
agtgggctca	caaccggttc	actttccaga	nggacggggc	atccctcttc	tgacctntga	120
gagacatttg	nacatgcatg	ngtgcataga	tttcatgca	agcaaacngc	ctgtacacgt	180
aaaataagta	ataaaagtct	ttaacacatc	tcaaaaaaaaa	aaa		223

<210> 640

<211> 117

<212> DNA

<213> Mus musculus

<400> 640

actgagatcc	tgtctctaca	gagaaaacgg	ccccgaaacg	gaagttcccc	agccctccac	60
attactccaa	tggccattcg	cccgaagact	catccacgag	ccccattaaa	aaaaaaa	117

<210> 641

<211> 158

<212> DNA

<213> Mus musculus

<400> 641

cactgaggct	gaagaggaga	atccagatt	gccttcactc	acaagatctg	gcagccagag	60
ccccgagtc	cccaagccca	gtgagcagtt	caaatataaa	accgcacata	acaagaaaag	120
tgaagacca	tgaaactctt	gtttgattaa	aaaaaaaa			158

<210> 642

<211> 208

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(208)

<223> n = A,T,C or G

<400> 642

ggagagatgg	cgcagagatt	acaaganctg	gnttgctttt	tcagaggacc	nntccagngg	60
gtcacaacnc	gatcacttng	cagagggaca	nggcttcctt	ntctgacctc	tgaggacatt	120
gtacatgcat	ggtgcatatg	atttacatgc	aagcaaacgc	ctntacacgt	aaaataagta	180
ataaaaagtct	ttaacacgaa	aaaaaaaa				208

<210> 643

<211> 133

<212> DNA

<213> Mus musculus

<400> 643

ctgggggcag	gagtgccttg	caaacagaag	acctgcagga	aatgccgagt	aatgacttgt	60
gttggttcac	cctccctgct	cccgtcttct	tttaaaacaa	ataaacagaa	tggaacgcg	120
cacaaaaaaaa	aaa					133

<210> 644

<211> 101

<212> DNA

<213> Mus musculus

<400> 644
acctgcagga aatgccgagt aatgacttgt gttggttcac cctccctgct cccgtcttct 60
tttaaaacaa ataaacagaa tggaaacgcc aaaaaaaaaa a 101

<210> 645
<211> 148
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 645
cactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc cccaagccca gtgagcngtt caaatataaa accgcacata acanagaaaa 120
gtgaagcacc atgaaactct tgtttgat 148

<210> 646
<211> 158
<212> DNA
<213> Mus musculus

<400> 646
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 647
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 647
ctttgctgaa gaggagaatc ctagattgcc ttinactcaca agatctggca gccagagccc 60
cgagtcccc aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
agcacatga aactcttggt tgattaaaaa aaaaa 155

<210> 648
<211> 119
<212> DNA
<213> Mus musculus

<400> 648
cagattgcct tcaactcaca gatctggcag ccagagcccc gagtccccca agcccagtga 60
gcagttcaaa tataaaaccg cacataacaa gaaaagtga gcaccatgaa actcttggt 119

<210> 649
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 649
aggctgaaga ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg 60
agtcccccaa gcccagtgag cagttcaaat ataaaaccgc acataacang aaaagtgaag 120
caccatgaaa ctcttggttg attaaaaaaaa aaa 153

<210> 650
<211> 145
<212> DNA
<213> Mus musculus

<400> 650
gaggagaatt ccagattgcc ttactcaca agatctggca gccagagccc cgagtcccc 60
aagcccagtg agcagttcaa atataaaaacc gcacataaca agaaaagtga agcaccatga 120
aactcttggt tgattaaaaa aaaaa 145

<210> 651
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 651
acactgaggt ggttgaanac tgggggcagg angngcntng caannatnat anctgnagga 60
aatgccngt aatgacttgt gttggttcac cctccctgct cccgtnttct tttaaaacaa 120
ataaacagaa tggaacgcc aaaaaaaaa a 151

<210> 652
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 652
tcccagactg aggtggttga agactgaggg caagantgct ntgangacat aanantgct 60
ngaaggngcn gtgnaatgac ttgngntggt tcaccctccc tgctccgctc ttctttttaa 120
acaataaac agaatggaaa cgccaaaaag aaaaaa 156

<210> 653
<211> 160
<212> DNA
<213> Mus musculus

<400> 653
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
tgaagcacca tgaaactctt gtttgattga aaaaaaaaa 160

<210> 654
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)

<223> n = A,T,C or G

<400> 654
caactgagggc tgaagaggag aatcccagat tgccttcact cacaagatct ggcagncaga 60
gccccgagtc ccccaagccc agtgagcagt tcaaataata aaccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgattg aaaaaaaaaa a 161

<210> 655

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 655
aatcccagat tgccttcact cacaanatnt ggcanccaga gccccgagtc ccccaagccc 60
agtgagcagt tcaaataata aaccgcacat aacaagaaaa gtgaagcacc atgaaactct 120
tgtttgattg aaaaaaaaaa 139

<210> 656

<211> 106

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 656
agactgggtg tgaagtctcg atnctaggcg ggagatgctg ccaagcgcgc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag acactg 106

<210> 657

<211> 114

<212> DNA

<213> Mus musculus

<400> 657
ggtgatgaag tctcgatcct agacgggaga tgctgccaag tgccccagac gggatcaaga 60
ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa aaaa 114

<210> 658

<211> 141

<212> DNA

<213> Mus musculus

<400> 658
gcgtgagagg agaatcccag attgccttcc tcacaagatc tggcagccag agccccgagt 60
cccccaagcc cagtgagcag ttcaaataata aaaccgcgc ataacaagaa aagtgaagca 120
ccatgaaact cttgtttgat t 141

<210> 659

<211> 169

<212> DNA

<213> Mus musculus

<400> 659
gcgagttgtg agcgcctccc ccaacgactc ctagggaagc tatgcgaaat tatttaaaag 60
aacgagggga tcaaacagtg ctcatcttcc atgcaaaagt tgcacagaag tcttacggaa 120

atgaaaaacg atttttttgc cctcctcctt gtgtgtatct tatgggcag 169

<210> 660
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 660
 gagatgataa aaaaatagga aaaaaagatt acanngagct ggcttgcttt tccanaggac 60
 ccacccagng gctcacaacc ngtncacttc cagagggaca gggcatcctc ttntgacctc 120
 tgaggacatt gtacatgcat ggnagcatag atttacatgc aagcaaacng cctgtacacg 180
 taaaaaagta ataaaagtct ttaacacaaa aaaaa 215

<210> 661
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 661
 agactgaggc tgaagaggag aatcccagat tgccttcact cacaagatct ggcagccaga 60
 gccccgagtc ccccaagccc agtgagcagt tcaaatataa aaccgcacat aacaagaaaa 120
 gtgaagcacc atgaaactct tgtttgatta aaaaaaaaa 159

<210> 662
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 662
 tgaagaggag aatcccagat tgccttcact cccaagatct ggcaagccag agccccgagt 60
 cccccaagcc cagcgagcag ttcaaatata aaaccgcaca taacaagaaa agtgaagcac 120
 catgaagctc ttgtttgat 139

<210> 663
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 663
 ttgaaccccc cttgaccctt gggctgacgg ggagaatccc agattgcctt cactcacaag 60
 atctggcagc cagagccccg agtcccccaa gccagtgag cagttcaaat ataaaaccgc 120
 acataacaag aaaagtgaag caccatgaaa ctcttgtttg attaaaaaaaa aaa 173

<210> 664
 <211> 262
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 664
 ctaccttgaa cttgtcattc ncctacctcc acctctgaag agctgggagt gcntgtgtgc 60
 catgnaggct aggaaangna aggcgggctt ngntaaaggc ttntgnggcc nacctgggtgc 120
 caggaggaat gnetcatgat cgcattggtg anaaagagac ctgactccan aaggctgcat 180
 atacacactg gcacacatat gcacagtaaa taaatgtaat actaataaag aagtttctct 240

tcttttcatc gaaaaaaaaa aa

262

<210> 665

<211> 164

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 665

taatctagaa tgaggnggaa gaggacaann gcagattgcc ttcctcacan gatctgnttg 60

ccagagccct gagtccnnca agcccaggag agcatgttca aatataaaac cgcacataac 120

anagaaaagt gaagcaccat gaaactcttg ttgattaaa aaaa 164

<210> 666

<211> 152

<212> DNA

<213> Mus musculus

<400> 666

gctgaagagg agaatcccag attgccttcc tcacaagatc tggcagccag agccccgagt 60

cccccaagcc cagtgaagcag ttcaaatata aaaccgcaca taacaagaaa agtgaagcac 120

catgaaactc ttgtttgatt gaaaaaaaaa aa 152

<210> 667

<211> 143

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(143)

<223> n = A,T,C or G

<400> 667

ggctcacaac cgtgcacttn ctnagggacg ggcacacctt tctgacctct gaggacattg 60

nacatgcatg gggcatagat ttacatgcaa gcgaacgcct gtacacgtaa aataagtaat 120

aanagtcttt aacacaaaaa aaa 143

<210> 668

<211> 192

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 668

aaatgaaggg actccttgng taaaggcatc tgccaccagt cctggtgacc anagttcaat 60

cctcaggatc gcatggtgga gaaagagacc tgactccaga aggctgcata tacacactgg 120

cacacatatg cacagtaaata aaatgtaata ctaataaaga agtttctctt cttttcatcg 180

aaaagaaaaa aa 192

<210> 669

<211> 101

<212> DNA

<213> Mus musculus

<400> 669
gagaagggtg gagttttaat gattcaggcg gctctggcgg ccaggctgcg cgatatggtc 60
cgcacctaga ctgttgagct ggggtagag gaaaaaaaaa a 101

<210> 670
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 670
tcacaagatc tggcagccng anccccgagt cccnaagcc cagtgagcng ttcaaataata 60
aaaccgcaca taacagagat aagtgaagca ccatgaaact cttgtttgat taaaaaaaaa 119

<210> 671
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 671
gagcattaaa aaggaccnc cagtggctca canccgttca cttccagagg gacgggcatc 60
ctcttctgac ctctgaggac attgtacatg catgggtgcat agatttacat gcaagcaaac 120
gcctgtacac gtaaaataag taataaaagt ctttaacac 159

<210> 672
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 672
agaactgaga tgagctcaca gtacctgcac tttaccccag tagccctgaa gngtgggccc 60
cgtaccctct gtaccagcg gagttagcgc ctgctcttcc tcctcctgcc gctttnacct 120
accccgcttc actgcatgcc cagagnnnct gtatacatgc ataggannac acnnctgagn 180
nttgganact ncttcagcan angangatng nngcncctggg aatgngtttg gcacatatna 240
acctactgna gaccagnaaa gggagctttnn gngngngaata ntattancaa cncactccct 300
tgcccctttt gcaaaaaaaaaa actatTTTTT gataat 336

<210> 673
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 673
tgccttcact cacaagatct ggcagccaga gccccgagtc ccccaagccc agtgagcagt 60

tcanatataa aaccgcacat aacaagaaaa gtgaagcacc atgaaactct tgtttgatta 120
 aaaaaaaaaa 129

<210> 674
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 674
 aaccactgag gctgttgagg accattccan antggcnttc antnacaana tttggcagcc 60
 agagccccga gtcccccgaag cccagtggag cagttcaaant ntaaaaccgc ccataacaag 120
 aaaagtgaag caccatgaaa ctcttgtttg attaaaaaaaa aaa 163

<210> 675
 <211> 155
 <212> DNA
 <213> Mus musculus

<400> 675
 ctgggctgaa gaggagaatc ccagattgcc ttcaactcac agatctggca gccagagccc 60
 cgagtccccc aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
 agcaccatga aactcttgtt tgattaaaaa aaaaa 155

<210> 676
 <211> 116
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

<400> 676
 actgaggtaa catttcactt gttgcctttc cagtttcaag caccaactca ccaacaaaga 60
 ttttaccgaa anccttaggg ccaataaatg tgaatgttgg accccaaaaa aaaaaa 116

<210> 677
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 677
 ctgaggctga agaggagaat cccagatngc cttcactnac aagatctggn agccagagcc 60
 ccngtcccc caagcccagn gagcagntca antataaaac cgnacataac angaaaagtg 120
 nngcaccatg aaactcttgt ttgatgaaaa aaaaaa 156

<210> 678
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 678

aaaacctgca ggaaatgccg agtaatgact tgtgttggtt caccctccct gctcccgtct 60
tcttttataaa caaataaaca gaatggaaac gccaaaaaaa aaaa 104

<210> 679
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 679
tcatacgtatt ctgtttcttt ttcannttnt ataattctctt tctttttant tagtgtnttn 60
tnnagcngt ntttctcgng ntgntacac tnggattgtc tgcncngng ctgaagagga 120
gaatcccaga ttgccttcac tcacaagatc tggcagccag agccccgagt cccccaagcc 180
cagtgcagcag ttcaaatata aaaccgcaca tancaagaaa ggtgaagcac catgaaactc 240
ttgtttgatt aaaaaaaaaa 260

<210> 680
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 680
tttttcattc attgtggctg ngtnagagaat cccagattgc cttcactcac aagatctggc 60
agccagagcc ccgagtcacc caagcccagt gagcagttca aatataaaac cgcacataac 120
aagaaaagtg aagcnccatg aaactcttgt ttgattaaaa aaaaaa 166

<210> 681
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 681
cactgaggaa gtttggtgag cggncctccac ccggacgact cctatnggaa gctatgcgaa 60
attatttataa agaacgaggg gatcaaacag tgctcattct tcatgcaaaa gttgcacaga 120
agtcttacgg aaatgaaaaa cgattttttt gccctcctcc ttgtgtgtat cttatgggca 180
gtggttgga aaaaaaaaaa 199

<210> 682
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 682
ctgtgccacc actctgggcc ttttaatgcc nagaaagaat tcngccgcag aagaccttgg 60


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<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 687
tctttataca ctgagctgaa gaagagaatc ccagatgcct tcaactcaca gatctggcag      60
tcagagcccn gagtccccca agcccagtgga gcagctnaaa tataaaaccg cacataacaa      120
ngaaaagtga agcaccanga aactcttggt tgattaaaaa a                          161

<210> 688
<211> 113
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 688
acctgcggga aatgccgagt aatgacttgn gtgggggtcac cctccctgct nccgtnttct      60
tttaaaacaa ataaacagaa tggaaacgcc cacattactt actaaaaaaaa aaa          113

<210> 689
<211> 145
<212> DNA
<213> Mus musculus

<400> 689
aagcaatccc agattgcctt cactcacaag catctaggca gccagagccc cgagtccccc      60
aagcccagtg agcagttcaa atataaaacc gcacatgaca agaaaagtga agcaccatga      120
aactcttggt tgattaaaaa aaaaaa                                         145

<210> 690
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 690
gctgaacaga gaatcccaga tgccttcact cacaagatct gccagccaga gccccgagtc      60
ccccaagccc agtgagcagt ttcaaatata aaaccgcaca taacangaaa agtgaagcac      120
catgaaactc ttgnttgatt aaaaaaaaaa                                     150

<210> 691
<211> 158
<212> DNA
<213> Mus musculus

<400> 691
gactgagggt gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag      60
ccccgagtc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag      120
tgaagcacca tgaaactctt gtttgattaa aaaaaaaaaa                         158

<210> 692
<211> 104
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 692
cacccaaacg actcactagg gtaagctatg cnanattatt taaaagaacg angggatcaa      60
acagtgtctca ttcttcatgc aaaagttgca cagaagtctt acgg                      104

<210> 693
<211> 144
<212> DNA
<213> Mus musculus

<400> 693
ggagaatccc agattgcctt cactcacaag atctggcagc ctgagccccg agtcccccaa      60
gccagtgag catgttcaaa tataaaaccg cacataacaa gaaaagtga gcaccatgaa      120
actcttgttt gattaataaaa aaaa                      144

<210> 694
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 694
agatctggca gccagagccc cgagtcccc aagcccagtg agcagttcaa atataaaacc      60
gcacataaca agnaaagtga agcaccatga aactcttggt tgattaataaaa aaaaa      115

<210> 695
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 695
gcctcccaga ctgaggggaag ctatncgaaa ttatttataaa gaacgagggg atcaaacagn      60
gctcattctt catgcaaaag ttgcacagaa gtnttacgga aatgaaaaac gatttttttg      120
ccctcctcct tgtgtgtatc ttatgggcag tggttggaag aaaaaaaaaa              169

<210> 696
<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 696
gactgggggc gggggngctt tgcaaacnga agacctgcag gaaatgccga gtaatgactt      60
gtgttggttc accctccctg ctcccgtctt cttttataaac aaataaacag aatggaaacg      120
caagaaaaaa aaa                      133

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<210> 697
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 697
 cactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaga ctcattccacg agccccatta 180
 aaaaaaaaaa 189

<210> 698
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 698
 ggtgagcggc ctccacccaa acgactnact anggaanctn tgcnaaatta ttnaaaagaa 60
 cnangggatc caacagtgtc cattcttcat gcaaaagttg cacagaagtc ttacggaaat 120
 gaaaaacgat tttt 134

<210> 699
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 699
 gaactgagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc ccagccctcc 60
 acattcctcc aatggccatt cgccccaga ctcattccacg agccccatta aaaaaaaaaa 119

<210> 700
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 700
 cctgtctcta cagcagaaaa cggccccgaa acggaagttc cccagccctc cacattcctc 60
 caatggccat tcgccccaaag actcatccac gagccccatt aaaaaaaaaa 110

<210> 701
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 701
 agactgagac ctgtctctac agagaaaacg gccccgaaac ggaagttccc cagccctcca 60
 cattcctcca atggccattc gccccaagac tcattccacga gccccattaa aaaaaaaaaa 118

<210> 702
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 702
 ggtaacattt cacttggtgc ctttccagtt tcaagcacca actcaccaac aaagatttta 60
 ccgaaaacct tagggccaat aaatgtgaat gttggacccc t 101

<210> 703

<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 703
gaatcccaca ttgccttcac tcacangatc tgnanccag agccccgagt ccccangcc 60
cantgngcag ttcaaatata anaccgcgca taacaagana ngtgaagcac catgaaactc 120
ttgtttgatt aaaaaaaaaa 140

<210> 704
<211> 161
<212> DNA
<213> Mus musculus

<400> 704
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcaagccaga 60
gccccgagtc ccccaagccc agtgagcagt tcaaatataa aaccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgatta gaaaaaaaaa a 161

<210> 705
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 705
taccctgagg tggttncnac tggggncagg agtgctttgc agacagaaga cctgcaggaa 60
aatgccgant gatgacttgt gttggttcac cctccctgct cccgncttct tttaaaacaa 120
ntaaacatga ntggaaacgc aagaaaaaaaa aa 152

<210> 706
<211> 143
<212> DNA
<213> Mus musculus

<400> 706
ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa 60
gccagtgag cagttcaaat ataaaaaccgc acataacaag aaaagtgaag caccatgaaa 120
ctcttgtttg attaaaaaaaa aaa 143

<210> 707
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 707
ggagaatccc agattgcctt cactcacaag atctggcang ccagagcccc gagtccccca 60
agcccagtgag gcagttcaaa tataaaaccgc cacataacaa gaaaagtgaag gcaccatgaa 120
actcttgttt gattaaaaaaaa aaaa 144

<210> 708
 <211> 189
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 708
 gactgagctt ggctgaanag gaaataaaaa ctgagcanga ggnggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acatttctcc aatggccatt cgccccgaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 709
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 709
 aactgtgtt gaagaggggg aggcctcgga cttctcgctg tcctggangt aatgctaaat 60
 agcgccggga tnttgacagg gggntacacg gataattgga cataccaac 109

<210> 710
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 710
 aactgaggc tgatgaggac aatcccagat tgccttcact cacaagatct ggcagccaga 60
 gccccgagtc ccccangccc agtgagcagt tcaaatatta aaccgcacat aacaagaaaa 120
 gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa 159

<210> 711
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 711
 tgaaaccctg aggctgttgn ggacaatccc agattgcctt cactcacaag atctggcngc 60
 cagagccccg ngcccccaa gccagtgag cagttcaaat ataanaccgc acataacaag 120
 aaaagtgaag caccatgaaa ctctgtttg attaaaaaaaaa aaa 163

<210> 712
 <211> 175
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(175)

<223> n = A,T,C or G

<400> 712

aaaaactgaa	aaagcttnga	atggctgncc	aggagaatcc	canattggct	tcactcacia	60
gatctggcag	ccagagcccc	gagtccccca	agcccagtg	gcagttcaaa	tataaaaccg	120
cacataacaa	gaaaagttga	agcaccatga	aactcttggt	tgattaaaaa	aaaaa	175

<210> 713

<211> 134

<212> DNA

<213> Mus musculus

<400> 713

atattgcctt	cctcacaaga	tctggcagcc	agagccccga	gtcccccaag	cccagtgagc	60
agttcaaata	taaaaccgca	cataacaaga	aaagtgaagc	accatgaaac	tcttgtttga	120
ttgaaaaaaa	aaaa					134

<210> 714

<211> 143

<212> DNA

<213> Mus musculus

<400> 714

agagaatccc	agattgcctt	cactcacaag	atctggcagc	cagagccccg	agtcccccaa	60
gccagtgagg	cagttcaaata	ataaaaccgc	acataacaag	aaaagtgaag	caccatgaaa	120
ctcttgtttg	attaaaaaaa	aaa				143

<210> 715

<211> 163

<212> DNA

<213> Mus musculus

<400> 715

aagaactgag	gctgaagagg	agaatcccag	attgccttca	ctcacaagat	ctggcagcca	60
gagccccgag	tcccccaagc	ccagtgagca	gttcaaata	aaaaccgcac	ataacaagaa	120
aagtgaagca	ccatgaaact	cttggttgat	tgaaaaaaaa	aaa		163

<210> 716

<211> 143

<212> DNA

<213> Mus musculus

<400> 716

ggagaatccc	agattgcctt	cactcacagg	atctggcagc	cagagccccg	agtcccccaa	60
gccagtgag	cagttcaaata	ataaaaccgc	acataacaag	aaaagtgaag	caccatgaaa	120
ctcttgtttg	attaaaaaaa	aaa				143

<210> 717

<211> 104

<212> DNA

<213> Mus musculus

<400> 717

ccggagcccc	gagtccccca	agcccagtg	gcagttcaaa	tataaaaccg	cacataacaa	60
gaaaagtga	gcacatgaa	actcttggtt	gattaaaaaa	aaaa		104

<210> 718

<211> 157

<212> DNA
 <213> Mus musculus

 <400> 718
 ctgaggctga agaggagaat cccagattgc cttcactcca agatctggca gccagagccc 60
 cgagtcctccc aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
 agcaccatga aactcttggt tgattgaaaa aaaaaaa 157

 <210> 719
 <211> 152
 <212> DNA
 <213> Mus musculus

 <400> 719
 atgctgaata gagaatccca gattgccttc actcacaaga tctggcagcc agagccccga 60
 gtcccccaag cccagtgagc agttcaaata taaaaccgca cataacaaga aaagtgaagc 120
 accatgaaac tcttgtttga ttaaaaaaaaa aa 152

 <210> 720
 <211> 264
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

 <400> 720
 gactgaggta acattncact tgttgccctt cngnttcaag caccaactca ccaacnggag 60
 attntancga aaaccttacg ggccagtaaa tgtgaatgnt ggaccccnan gctgntgnct 120
 gcaccccgat gaactgangc attcangag agaannnann gggaatnctt ntaccctgc 180
 acccgcaatg gtcactcaga ctacacatagc tgaggctgct ggctgggttc ccagtaaagc 240
 aagcaaaaaa ggagaaaaaa aaaa 264

 <210> 721
 <211> 109
 <212> DNA
 <213> Mus musculus

 <400> 721
 gactgaggta acatttcact tgttgccctt ccagtttcaa gcaccaactc accaacaag 60
 attttaccga aaaccttagg gccataaat gtgaatgttg gaccccaaa 109

 <210> 722
 <211> 132
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

 <400> 722
 attgccttca ctacatgga tctggcagcc agagccccga gtcccccaag cccantgagc 60
 anttcttata taaaaccgca cataacaaga aaagtgaagc accatgaaac tcttgtttga 120
 ttaaaaaaaaa aa 132

 <210> 723
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 723
gactgagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc cagccctcca 60
cattctctca atggccattc gcccgaagac tcattccacga gcccattaa aaaaaaaa 118

<210> 724
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 724
ccttagggcc aataantgtg aatgttggac cccaaatgat tattaagcac nctcgcacag 60
aattgccaat ctccagaagt gttcngattg ggaatccatn taccctgnt cccgnaatgg 120
tcnntcngac tcacatanct gaggctgctg gctgggttcc caagtatacg aagcananta 180
ggaaaaaaat taaaa 195

<210> 725
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 725
catattgtct tcaactacaa gatctggcag ccagagcccc gagtcccca ngcccagtga 60
gcanntcaaa tatnaaacg cacataacaa gaaaagtga gcaccatgaa actcttgttt 120
gattaaaaaa 130

<210> 726
<211> 126
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 726
gtcacttcca gagggacggg catcctnttc tgacctctga ggacattgta catgcatgg 60
gcatanantt acatgcaagc aaacgcctgt acacgtaaaa taagtaataa aagtctttaa 120
cacaaa 126

<210> 727
<211> 189
<212> DNA
<213> Mus musculus

<400> 727
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
ccagccctcc acattcctcc aatggccatt cgcccgaaga ctcatccacg agccccatta 180
aaaaaaaaa 189

<210> 728
<211> 127

09304106494

<212> DNA

<213> Mus musculus

<400> 728

tttgaacac	tgaggtgatg	aagtctcgat	cgctagacgg	gagatgctgc	caagtgcccc	60
agacgggatc	aagactccaa	tgacagccat	aagattccct	aaagctaaga	cactgcaaaa	120
aaaaaaa						127

<210> 729

<211> 189

<212> DNA

<213> Mus musculus

<400> 729

agactgactt	ggctgaagag	gaaataaaaa	ctgagcagga	ggtggtggag	ggaatggata	60
tctctactcg	ctocaaagat	cctgtctcta	cagagaaaac	ggccccgaaa	cggaagttcc	120
ccagccctcc	acattcctcc	aatggccatt	cgccccaa	ctcatccacg	agccccatta	180
aaaaaaaa						189

<210> 730

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 730

agcactgagg	ctgaanatga	gnatcccana	ttgccttcac	tcacaagatc	tggcagccag	60
agccccgagt	cccccaagcc	cagtgcgcag	ttcaaatata	aaaccgcaca	taacaagaaa	120
agtgaagcac	catgaaactc	ttgtttgatt				150

<210> 731

<211> 108

<212> DNA

<213> Mus musculus

<400> 731

gccagagccc	cgagtcccc	aagcccagtg	agcagttcaa	atataaaacc	gcacataaca	60
agaaaagtga	agcaccatga	aactcttggt	tgattaaaaa	aagaagaa		108

<210> 732

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 732

gactgaggct	gaagaggaga	atcccagatt	gccttnnctc	acaagatctg	gcagccagag	60
ccccgagtc	cccaagccca	gtgagcagtt	caaatataaa	accgcacata	acaagaaaag	120
tgaagcacca	tgaaactctt	gtttgattga	aaaaaaaaa			160

<210> 733

<211> 127

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 733
 tctctactcg ctccaaagat cctgtntnta cagagaaaac ggccncgaaa nggaagttcc 60
 ccngccctnc acattcntnc aatggccatt cgccccatga ctcatccacg ggccccaaaa 120
 aaaaaaa 127

<210> 734
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 734
 gactgagatc ctgagtatac gagagannac ggccccgaaa cggaagttcc ccagccctcc 60
 acattctctc aatggccatt cgccccaaaga ctcatccacg agccccatta aaaaaaaaa 119

<210> 735
 <211> 107
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(107)
 <223> n = A,T,C or G

<400> 735
 tgggtgtggag cagctctgtc atgtctccag cagagggcgc attntgcntt cttcagaact 60
 caagaagcnc angngtagcn gacctgngaa actgggctac cctttga 107

<210> 736
 <211> 356
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 736
 accgctggcg aggaaaanct ttaanggatg tgctacncag ctgacncttg tgggnggacc 60
 tnaanctnnc tgnntgttng ggagnatccc tccaccnatg tttgggacaa gaanaaggcn 120
 atgcctcnct gaaanttga caccctnagg agagtancaa ggngtgggcg gcatgctgaa 180
 cagatggacc gtggcgcccg aagtctcagc atcttcagnt gattcttcag ngtcncttgt 240
 gctggaatga aggaggaggc tgagtganac ccnnacatg catgcaataa tcaaggggaa 300
 gtgaacgtgc catctcctga ggtagantgg gcccttntnt caaaaactaa tgctag 356

<210> 737
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 737
 actgaggctg aagaggagaa tcccagattg ccttcactca caagatctgg cagccagagc 60

cccgagtccc ccaagcccag tgagcagttc aaatataaaa ccgcacataa caagaaaagt 120
gaagcaccat gaaactcttg ttgtattaaa aaaaaaa 157

<210> 738

<211> 184

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(184)

<223> n = A,T,C or G

<400> 738

ctgagcttgg ctgaagagga aataaaaact gancaggagg tgggtggagg aatggatata 60
tctactcgct ccaaagatcc tgtctctaca gagaaaacgg ccccgaaaacg gaagttcccc 120
agccctccac attcctccaa tggccattcg cccaagact catccacgag ccccatataa 180
tagc 184

<210> 739

<211> 154

<212> DNA

<213> Mus musculus

<400> 739

ctgagctttg aattctgaaa aagaagagtg tgaacaaga agcaaagatc ggggttgaag 60
agggaagag gaaagggggg gatggaagga aaccctgcag ccaccaacac aataaacaca 120
ataaactgta tcctgaccac ctcaaaaaaa aaaa 154

<210> 740

<211> 188

<212> DNA

<213> Mus musculus

<400> 740

actgagtttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga gccccattaa 180
aaaaaaaa 188

<210> 741

<211> 188

<212> DNA

<213> Mus musculus

<400> 741

actgagcttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga gccccattaa 180
aaaaaaaa 188

<210> 742

<211> 180

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(180)

<223> n = A,T,C or G

<400> 742

gcttgctgag agggaataaa actgagcagg agggnggngg ggggaatgga atctctactc 60

gctccaaaga tctgtctctt acagagaaaa cggccccgaa acggaagtcc cccagccctc 120
cacattcctc caatggccat tcgccccaaag actcatccac gagccccatt aaaaaaaaaa 180

<210> 743
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 743
agactggcctt ggctgaagag gaaataaaaa ctgancagga ggtgggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc 120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
aaaaaaaaa 189

<210> 744
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 744
cagactgggt aacatttact tgttgccctt ccagtttcaa gcaccaactc nccaacaaag 60
attttaccga aaaccttagg gccaanat gtgaatgttg gaccccaaat gattntaagc 120
ccaccgcana gaattgccaa tncaggaagn gttctgattg ggaatccata taccctgca 180
cccgaatgg tcaactcanac tcacatagct aaggctgctg gctgggttcc cagtgat 237

<210> 745
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 745
actgagcaaa caggtggngg anngaattgga tatctctact cgctccaaag gatcctgtct 60
ctacagagaa aacggccccg aaacggaagt tccccagccc tccacattcc tccaatggcc 120
attcgcccca agactcatcc acgagcccca t 151

<210> 746
<211> 182
<212> DNA
<213> Mus musculus

<400> 746
cttggctgaa gaggaaataa aaactgagca ggaggtgggt gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 747
<211> 150

<212> DNA
 <213> Mus musculus

<400> 747
 agaactgaga ttataagcac accgcagaga attgccatt caggaagtgt tctgattggg 60
 aatccatata cccctgcacc cgcaatggtc actcagactc acatagctga ggctgctggc 120
 tgggttccca gtaaacgaag caaaaaaaaa 150

<210> 748
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 748
 tggggcgcag actggctttg aattcatgan aaagaagagt gtgaaacaag aagcaaagat 60
 cgggttgga gagggaaga ggaaaggggg ggatggaagg aaaccctgna nccaccaaca 120
 caataaacac aataaaactgt atcctgacca cctcaa 156

<210> 749
 <211> 139
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

<400> 749
 caccactgtg gtctcagcaa gtcagaagan gtcagtcagc tccccctgggtg gagctggagc 60
 tacaagcaac tgtgaaaact actctgcata ttactcttca aaagcagtaa caagtgatct 120
 tccaccctc tgctctctc 139

<210> 750
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 750
 actgagagat tcccaagaga ctncctggaac tancaccant ttttggttg tacattgcc 60
 ggcaggccat tggaatcgga gctgcagtca gattaaggcc agcctggcct acattgagaa 120
 acctcatttt gggaaagtga aatactttgt caattaacat gcagttgggt caataaagac 180
 ttttggaag tgtcaaaaaa aaaaa 205

<210> 751
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 751
 ttttttggtt gtacattgnc angcangcca ttggaatcgg agctgcanto anattaaggc 60
 cagcctggcc tacattgaga aacctcattt tgggaaagtg aaatactttg tcaattaaca 120
 tgcagttggt tcaataaaga cttttggaaa gtgtcaaaaa aaaaaa 166

<210> 752
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 752
 tgactttgaa ttctgaaaaa taatagnntg aaacaagaat tcaaataatnn gtttggaaga 60
 tgtcaaaagg aaaggggggg atggaaggaa accctgcagc caccaacaca ataaacacaa 120
 taaactgtat cctgaccacc tcaaaaaaaaa aaa 153

<210> 753
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 753
 aggtactacc ctgagctnac gcnataattt tnttctttga cntactctcg caggncattc 60
 nggtcnnanc tgcaancaaa nnaagggcng cctggcctac attganaaac ctcatitttg 120
 gaaagtgaaa tactttgtca attaacatgc acttggttca ataaagactt ttggaaagtg 180
 tcaaaaaaaaa aaa 193

<210> 754
 <211> 151
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(151)
 <223> n = A,T,C or G

<400> 754
 ttgtctcgca ggccattcna atcggatcng caatcanatt aaggccagcc tggcctacat 60
 tgagaaacct catitttgga aagtgaata ctttgtcaat taacatgcag ttggttcaat 120
 aaagactttt ggaaagtgtc aaaaaaaaa a 151

<210> 755
 <211> 115
 <212> DNA
 <213> Mus musculus

<400> 755
 gattaaggcc agcctggcct acattgagaa acctcatttt gggaaagtga aatactttgt 60
 caattaacat gcagttggtt caataaagac ttttggaaag tgtcaaaaaa aaaaa 115

<210> 756
 <211> 153
 <212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 756
 ttgaggaact ctcaaaggct ggacnggacg naggcngcaaa caaantaang ccagcctggc 60
 ctacattgag aancctcatt ttgggaaagt gaaatacttt gtcaattaac atgcagttgg 120
 ttcaataaag acttttggaa agtgtcaaaa aaa 153

<210> 757
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 757
 gaggtcggag ctgcagncag attaaggcca gcctggccta cattgagaaa cctcattttg 60
 ggaaagngaa atactttgtc aattaacatg cagntggntc aataaagact ttgggaaag 119

<210> 758
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 758
 ggaagcagct gcaatcanat naaggccagg gctggcctac attgagaaac ctnatttngg 60
 gaaagagaaa tactttgtca nttaanatgc agcnggttca ataaagactt ttggaaagcg 120

<210> 759
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 759
 tctcgcaggc cattgcgggt cgganctgcn ttcaaanaaa agncagnctg gcctacattg 60
 aaaaacctca ttttgggaaa gtgaaatacc ttggcnatta acatgcagtt ggggtcaatna 120
 agacttttgg aaagtgtcac caagaaaaac 149

<210> 760
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)

<223> n = A,T,C or G

<400> 760

tttttggctt	ggacattgcc	angcaggcca	ttggaatcgg	agctgcagtc	agattaaggc	60
cagcctggcc	tacattgaga	aacctcattt	tgggaaagt	aaatactttg	tcaattaaca	120
tgcagttggt	tcaataaaga	cttttggaaa	gtgtcaaaaa	aaaaaa		166

<210> 761

<211> 108

<212> DNA

<213> Mus musculus

<400> 761

gccagcctgg	cctacattga	gaaacctcat	tttgggaaag	tgaaatactt	tgtcaattaa	60
catgcagttg	gttcaataaa	gacttttggg	aagtgtcaaa	aaaaaaaa		108

<210> 762

<211> 156

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 762

ttttggcttg	tacattgcca	ngcagccatt	ggaatcggag	ctgccntcan	antaangcca	60
gcctggccta	cattgagaaa	cctcattttg	gnaaagtga	anactttgnc	anttaanatg	120
cagntggttc	aataaagact	tttggaaagt	gtccta			156

<210> 763

<211> 214

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(214)

<223> n = A,T,C or G

<400> 763

ttgacagact	gagataaatt	ccnccnatga	tctcctggaa	gctacacaat	ganttggett	60
gtcattgcca	ggcagccatt	ctaategnag	ctgcnntcac	attaangcca	nnctgnccta	120
cattgagaaa	cctcattttg	nnaaagtga	atactttgtc	aattaacatg	canttggttc	180
aataaagact	tttggaaagt	gtcaaaaaaa	aaaa			214

<210> 764

<211> 146

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(146)

<223> n = A,T,C or G

<400> 764

gcaggctctg	caggacngag	ctgcagtc	can	attaaggcca	gnctggccta	cactgagaaa	60
cctcattttg	ggaaagtga	atactttgtc	aattaacatg	cagttggttc	aataaagact		120
tttggaaagt	gtcccaaaaa	aaaaaa					146

<210> 765

<211> 133
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 765
 aggacggagc tgcagncana tnaaggccag cctggcctac attgagaaac ctcattttgg 60
 gaaagtgaaa tactttgtca attaacatgc agttggttca ataaagactt ttggaaagtg 120
 tcaaaaaaaaa aaa 133

<210> 766
 <211> 144
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 766
 gcaggccatt ggaatcggag ctgnaggcag attaaggcca gcctggccta cattgagaaa 60
 cctcattttg ggaaagtgaa atactttgtc aattaacatg cagttggttc aataaagact 120
 tttggaaagt gtcaaaaaaaaa aaaa 144

<210> 767
 <211> 171
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(171)
 <223> n = A,T,C or G

<400> 767
 caatatTTTT ggcttggaca ttgccnngca ggccattgga atcggagctg cagtcagatt 60
 aaggccagcc tggcctacnt tgagaaacct cattttggga aagtgaaata ctttgtcaat 120
 taacatgcag ttggttcaat aaagactttt ggaaagtgtc aaaaaaaaaa a 171

<210> 768
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 768
 gcctggccta cattgagaaa cctcattttg ggaaagtgaa atactttgtc aattaacatg 60
 cagttggttc aataaagact tttggaaagt gtcaaaaaaaaa aaaa 104

<210> 769
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 769
gcagccattg gaatcggagc tgcagtcana ttaaggccag cccggcctac attgagaaac 60
ctcatttttg gaaagngaaa tactttgtca attaacatgc agttggttca ataaagactt 120
ttggaaagtg ccaaaaaaaaa aaa 143

<210> 770
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 770
acattgcctg gcaagccatt gcaatcggan ctgcantcac gattaaggcc ngcctggcct 60
acattganaa acctcntttt ggnaaagtga aatactttgt caattaacat gcagttgggt 120
caataaagac ttttggaag tgtcaaaaaa aaaaa 155

<210> 771
<211> 191
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

<400> 771
aggtactagc ctgggctnag gccataattt ctttttgnnn nnntctngca ggtcnttgcn 60
ggnggagctg cagtcaaain aangccagcc tggcctacat tgagaaacct cattttggga 120
aagtgaataa ctttgtcaat taacatgcag ttggttcaat aaagactttt ggaaagtgtc 180
aaaaaaaaaa a 191

<210> 772
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 772
ctgtagaaaa acccacaang aggtctactg tgagctaacg ncagatttac gncttggaca 60
tngncangca gncattggaa tcnggcagct gtcagtcaaa attaggcca gcctggccta 120
cattgagaaa cctcattttg ggaaagngaa atactttgtc aattaacatg cagttgggtc 180
aataaagact tttggaag 199

<210> 773
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 773

gcaggtcatt gcgaggtcgg agctgcannc anattaagggc cagcctggcc tacattgaga 60
aacctcattt ggggaaagtg aaatactttg tcaattaaca tgcagttggt tcaataaaga 120
cttttggaag gtgtcaaaaa aaaaaa 146

<210> 774
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 774
tcggagctgc tagtcagatt aaggccagcc tggcctacat tgagaaacct ctttttggga 60
aagtgaataa ctttgtcnat taacatgcag ttggttcant aaagactttt ggaaagtgtc 120
aaaaaaaaaa a 131

<210> 775
<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 775
gatctggact agcagaagtt tttggcttgt acattgccag gcngccattg naatcgacnc 60
tgcanncana ttaaggccag cctggcctac attgagaaac ctcattttgg naaagtgaag 120
tactttgtca attaacangc agttggttca ataa 154

<210> 776
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 776
tacctggaag ctaactttta ggcttncatt gccnggcagc cattggaatc ggagctgcag 60
tcanattaag gccagcctgg cctacattga gaaacctcat tttgggaaag tgaaatactt 120
tgtcaattaa catgcagttg gttcaataaa gacttttggg aagngtccca aaaaaaaaaa 180

<210> 777
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 777
ggggcccacg cctaggaggn cgngngagaa agccattant gacgcgctaa ngaangccca 60
ncaatcnggc agacagggtg agngaaaagn gggtngtgaa aaggngacnc acnccatcac 120
tgatgctgtg acccatgcgg nanaaggcct gggaagactg gnacagttag cctgnctacc 180

ngcatggctg gcccttcctg aaggg

205

<210> 778

<211> 158

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(158)

<223> n = A,T,C or G

<400> 778

aactgaggtt ccaaaagtgg caggaagccc cctggacctt naccctnggc ctgntgtccc 60

tncactacgg cctaaganct tggagtgggg aggaccatgg nggcacntt gccaaagggc 120

tggacacang catgctggan antggacctt gcttaaga 158

<210> 779

<211> 190

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(190)

<223> n = A,T,C or G

<400> 779

tactacctct agctaacgcy aataatcttg ttcttngacn ttctctngca gccattgnaa 60

tgggagctgc agtcagatta aggccagcct ggcctacatt gagaaacctc attttgggaa 120

agtgaataac tttgtcaatt aacatgcagt tgggttcaata aagacttttg gaaagtgtca 180

aaaaaaaaaa 190

<210> 780

<211> 117

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(117)

<223> n = A,T,C or G

<400> 780

caaattaagg ccagcctggc ctacattgan aaacctcatt ttgggaaagt gaaatacttt 60

gtcaattaac atgcagttgg ttcaataaag acttttggaa agtgtcaaaa aaaaaaa 117

<210> 781

<211> 237

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(237)

<223> n = A,T,C or G

<400> 781

tttgaaacca ctgcanaaaa atcccaagaa ggaatcctgg gaagctanca naagtttttg 60

gcttgtgaca ttgccaggca gncattggaa tggngntgc ngncagatta aggnccagcct 120

ggcctacatt gagaaacctc attttgggaa agggaaatac tttgtcaatt aacatgcagt 180

tgggttcaata aagacttttg gaaagtgtcc cctaactaaa gggaaaaaaaaa cttgttc 237

<210> 782
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 782
 acactgagtt ttaagccacc gcagagaatt gccaatcag gaagtgttct gattgggaat 60
 ccatataccc ctgcacccgc aatgggcact cagactcaca tagctgaggg tgctggctgg 120
 gttcccagtg atcgaaanccg anctngagan tttatngnet ctggtttttc acattgttna 180
 ctnaacgngt gtgnaaannn nnatgggaaa ggctcagacg 220

<210> 783
 <211> 222
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 783
 gcccttgaca cactgagagg gttcccctga ggactactnt gaactaacgc canaattact 60
 ntttggacat tgnctcgag gtcattngnn atcggaagct gcagtcaaat taaggccagc 120
 ctggcctaca ttgagaaacc tcattttggg aaagtgaat actttgtcaa ttaacatgca 180
 gngggttcaa taaagacttt tggaaagtgt caaaaaaaaa aa 222

<210> 784
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 784
 taaggccagc ctggcctaca ttganantcc tcattttggg aaagtgnaat actttgtcaa 60
 ttaacatgca ccaggttca ataaagactt ttggaaagtg tcaaaaaaaaa aacta 115

<210> 785
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 785
 gcatattact cttcaaaagc agnaacangn gatcttccac ccctctgcct ctcctntgca 60
 anaacagcag gngctcttaa cctgttaatc atggagcatt ttcactagca aaaaaaaaa 119

<210> 786
 <211> 147
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 786

gcaggccatg	acgaataggc	agctgcagta	aagattaaag	ccancctggc	ctacattgag	60
aaacctcatt	ttgggaaagt	gaaatacttt	gtcaattaac	atgcagttgg	ttcaataaag	120
acttttgga	agtgtcaaaa	aaaaaaa				147

<210> 787

<211> 194

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(194)

<223> n = A,T,C or G

<400> 787

ctgggaagct	aacgccaaagn	tttacgttgt	tggaacattgc	ctangcagnc	attgcaaadc	60
ggcagctgca	gncagattaa	ggccagcctg	gcctacattg	agaaacctca	ttttgggaaa	120
gtgaaatact	ttgtcaatta	acatgcagtt	ggttcaataa	agacttttgg	aaagtgtcaa	180
caaaaaatta	aaaa					194

<210> 788

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 788

caggtccgga	caggaagcat	ctgcaatnaa	antaaggcca	gcctggccta	cattgngaaa	60
cctcattttg	ggaaagtga	atactttgtc	aattaacatg	cagttgggtc	aataaagact	120
tttggaaggt	gtctaaaaaa	aaaaa				145

<210> 789

<211> 122

<212> DNA

<213> Mus musculus

<400> 789

ggtcggagct	gcagtcagat	taaggccagc	ctggcctaca	ttgagaaacc	tcattttggg	60
aaagtgaat	actttgtcaa	ttaacatgca	gttggttcaa	taaagacttt	tggaagtgt	120
ca						122

<210> 790

<211> 114

<212> DNA

<213> Mus musculus

<400> 790

attaaggcca	gcctggccta	cattgagaaa	cctcattttg	ggaaagtga	atactttgtc	60
aattaacatg	cagttgggtc	aataaagact	tttggaaggt	gtcaaaaaaa	aaaa	114

<210> 791

<211> 146
 <212> DNA
 <213> Mus musculus

<400> 791
 gcaggccatt gcgaggctcg agctgcagtc agattaaggc cagcctggcc tacattgaga 60
 aacctcattt tgggaaagtg aaatactttg tcaattaaca tgcagttggt tcaataaaga 120
 cttttggaaa gtgtcaaaaa aaaaaa 146

<210> 792
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 792
 ggtcggagct gcagtcanat taaggccagc ctggcctaca ttgagaaacc tcattttggg 60
 aaagtgaat actttgtcaa ttaacatgca gttggttcaa taaagacttt tggaaagtgt 120
 caaaaaaaaa aa 132

<210> 793
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 793
 cactgaggaa gtttgntgag cggcctcccc caaacgactc actanggnag cnttgcgaaa 60
 ttatttttaa gaacgagggg ntcnaacagt gtcatttctt catgcaaaag ntgcacagaa 120
 gtcttacgga aatgaaaaac gatTTTTTTTg ccctcctcct tgtgtgtatc ttatgggcag 180
 tggttggaaa aaaaaaaaa 198

<210> 794
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 794
 aatcggagct gcaatcagat taaggccagc ctggcctaca ttgagaaacc tcattttggg 60
 aaagtgaat actttgtcaa ttaacatgcn gnnggntcaa taaagacttt tggaaagtgt 120
 caaaaaaaaa aa 132

<210> 795
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)

<223> n = A,T,C or G

<400> 795

ctcgcaggca	tgacgggacg	gtactgcagt	canattaagg	ccagcctggc	ctacattgag	60
aaacctcatt	ttgggaaagt	gaantacttt	gtcaattaac	atgcagttgg	ttcaataaag	120
acttttgaa	agtg					134

<210> 796

<211> 170

<212> DNA

<213> Mus musculus

<400> 796

caagtttttg	gcttggacat	tgccaggcag	gccattggaa	tcggagctgc	agtcagatta	60
aggccagcct	ggcctacatt	gagaaacctc	attttgggaa	agtgaataac	tttgtcaatt	120
aacatgcagt	tggttcaata	aagacttttg	gaaagtgtca	aaaaaaaaaa		170

<210> 797

<211> 114

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 797

attaaggcca	gcctggccta	cattganaan	cctcattttg	ggaaagtga	atactttgtc	60
aattgacatg	cagttgggtc	aataaagact	tttggaaagt	gtcaaaaaaa	aaaa	114

<210> 798

<211> 149

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 798

gatggagctt	gccgctntgc	tgtttcgaan	ccatcacgtg	naacacctgc	naccttactc	60
ctagattatt	tggcgggaat	cggctcentnc	cccttncttc	ataacggagt	gctggaatag	120
taaaaattga	accttgagca	aaaaaaaaaa				149

<210> 799

<211> 168

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(168)

<223> n = A,T,C or G

<400> 799

atatttttgt	ttttgacntt	gtctcgcagg	tcttgggaatc	ggaactncaa	ncagattaag	60
gccagcctgg	cctacattgg	gaaacctcat	tttgggaaag	tgaggtactt	tgtcaattaa	120
catgcagttg	gttcaataaa	gacttttggg	aagtgtcaaa	aaaaaaaaaa		168

<210> 800

<211> 134

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 800
ttgcctggca agcattggaa tcngagctgc gagtcagatt aaggccagcc tggcctacat      60
tgagaaacct catTTtTggga aagcgaaata ctttggcaat taacatncng ctggttcaat      120
aaagactttt ggaa                                          134

<210> 801
<211> 173
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(173)
<223> n = A,T,C or G

<400> 801
aggcctcctg aagctagcag aagtttttgg cttgtacatt ntcaggcagc catnggaanc      60
ggagctgcag tcaagttaag gccagcctgg cctacattga gaaacctcat tttgggaaag      120
tgaaatactt tgtcaattaa catgcagntg gtttagtaaa gacttttTga aag          173

<210> 802
<211> 102
<212> DNA
<213> Mus musculus

<400> 802
ccgtggattc ttctacacac ccatgtcccg ccgcgaagtg gaggaccac aaggtaaagt      60
ctgctcctga attaattcta tcccaagtga gaaccacaaa gg          102

<210> 803
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 803
ggggagcgtg gattcttcta cacacccatg tcccgccgcg aagtggagga cccacaaggg      60
acacanctgg agctgngngg aggccagnga gcnnTtgacc ttnacacctt ggnactggng      120
gngnnccagn ggagncgtgt ggTtgTttat ca          152

<210> 804
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 804

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taacaccctg	tcccgccgtg	aagtggagga	cccacaagtn	gcncaaactgg	agctgggtgg	60
aggcccggna	gcaggngacc	ttcagacctt	gncactggan	gtggcccacc	ataagcgngn	120
cattntngaa	gagcgntnca	ccagcatntn	ctnnctntac	catctgngat	aactactggg	180
gctagaccca	ccactgacgc	a				201

<210> 805
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 805						
actgagaggt	tggagtttta	atgattcagg	cggctctggc	ggccaggctg	ggcgatatgg	60
tccgcaccta	gactgttgag	ctgggggtag	aggaaaaaaaa	aaa		103

<210> 806
 <211> 121
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 806						
gagctctctg	cttgcctgctc	cagtcgctgt	gcttgccctgc	tgtggngcct	ccctaccagg	60
acagactctt	gngcttttgg	aaccataagc	caaataaacc	cttccttcca	taaaaaaaaa	120
a						121

<210> 807
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 807						
ttggctgaag	aggaaataaa	aactgagcag	gaggngnggg	agggaatgga	tatctctact	60
cgctccaaag	atcctgtctc	tacagagaaa	acggccccga	aacggaagtt	ccccagccct	120
ccacattcct	ccaatggcca	ttcgcccaa	gactcatcca	ccgagcccca	ttaaaaaaaaa	180
aa						182

<210> 808
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 808						
actgagatcc	tgtctctaca	ggaggaaaac	gggcccga	cggnagtcc	ccagccctnc	60
acattcctcc	aatggccatt	cgccccaa	ctcatccacg	agccccatta	aaaaaaaaa	119

<210> 809
 <211> 116
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 809
aataaggcca gcctggccta cattgagaaa cctcgttttg ggaaagtgaa atactttgtc      60
aatntaacat gcaggtgggt tcaataaaga cttttggaaa gtgttaaaaa aaaaaa      116

<210> 810
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 810
gggggagcgtg gctttcttcta cacaccccatg tcccgccgng aagtggagga cccacaaggg      60
gcacaactgn agctgggngg aggcccggtga gcaggnnacc ttcagacctt ggcactggag      120
gtggctccag ccataancgt ggcattgtat gatcaagtgc tgnaccacan atnctgctcc      180
ctctaccata gtgnagaact nctgcaacta gaccaccac taccagctct acccctctnc      240
aatgaataaa acctttgaat gaggcaca                                267

<210> 811
<211> 185
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(185)
<223> n = A,T,C or G

<400> 811
gagcttggtt gaagaggaaa taaaaactga gcaggaggtg gtggagggaa tggatatctc      60
tactcgctcc aaagatcctg gntctacaga gaaaacggcc ccgaaacgga agttccccag      120
ccctccacat tcctccaatg gccattcgcc ccaagactca tccacgagcc ccattaaaaa      180
aaaaa                                185

<210> 812
<211> 190
<212> DNA
<213> Mus musculus

<400> 812
gaactgagct tggctgaaga ggaaataaaa actgagcagg aggtggtgga gggaatggat      60
atctctactc gctccaaaga tcctgtctct acagagaaaa cggccccgaa acggaagtgc      120
cccagccctc cacattctc caatggccat tcgcccgaag actcatccac gagccccatt      180
aaaaaaaaa                                190

<210> 813
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

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<400> 813
 tgaggaacat ttcacttgnt gcctttccag nttcaagcnc caactcacca acaaagattt 60
 taccgaaaac cttagggcca ataaatgtga atgttgacc ccaaagatt ataagcacac 120
 cgcanagaat tgccaattca ggaagtgttc tgattgggaa tccatatacc cctgcacccg 180
 caatggnac tcagactcac atagctgagg ctgctggctg ggttcccagt gaacgaa 237

<210> 814
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 814
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaga ctcattccacg agccccatta 180
 aaaaaaaaaa 189

<210> 815
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 815
 ctataaccca tcctaggggt ccgtnnttgc tactgtgggn ngngtnggtg ccgttaanac 60
 aagactgctc tcttttcncn ntnttaaana tanccatctn atcatcctca gatcaccatc 120
 taccactgag gccagtgaa gccagccttc ctacnccag tgagatgacc ctggaaacag 180
 actgatgcc acctnaatat nggggnttct ggtgtgatgt gaatgaaaat atatcttggt 240
 cactgaaaaa aaaaaa 256

<210> 816
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 816
 tcccactgaa gaccanagaa agccagcctt nctacgcccc gtgngangac cctggaaaaca 60
 gactgatgcc aacctganta tatgaacttc tgggtgtgatg tgaatgaaaa tatactttgt 120
 tcactgagtt tgctaaaaaa aaatgaa 147

<210> 817
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 817
 cagcgtaatg accaggataa gccttggcca ggaagcatgn tacgtgtatc agcggacagc 60
 ccagctccac cagtgcattt naccaggcac aacacattat ntgaagccna ccccttgaca 120
 accaaaacac t 131

<210> 818
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 818
 gactgaggct gaagaggaga atcccagntt gccttcactc acaagatctg gcagccagag 60
 ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
 tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 819
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 819
 aactgaggta acattttcact tgttgccttt ccagtttcaa gcaccaactc accaacaaaag 60
 attttaccga aaaccttagg gccantaaat gtgaatgttg gaccccaaat ggtaagaaaa 120
 ttattaaatt tcagaattga aaaaaaaaaa 150

<210> 820
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 820
 tctgactgac gcctgaagtg ctgagtcttg aaggtgaagc atgnngggccc ctgtntctggc 60
 anatgaaaat caacctcacc tcctggggga caggctgccc atctcgnatgn taaatngact 120
 atgccaataa attaacatgg ctcaactttcg aaaaacccaa at 162

<210> 821
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 821
 gtgagctctc tgcttgctgc tccagtcgct gtgcttgctt gctgtggtgc ctccctacca 60
 ggacagactc ttngngctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa 120
 aaa 158

<210> 822
 <211> 178
 <212> DNA

<213> Mus musculus

<400> 822

tgagatcctc	tcattcagcgc	tcagatcacc	atctaccact	gaggcccagt	gaagccagcc	60
ttcctacgcc	cagtgaagtg	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	120
tctggtgtga	tgtgaatgaa	aatatatctt	gttactgag	tttgcataa	aaaaaaaa	178

<210> 823

<211> 152

<212> DNA

<213> Mus musculus

<400> 823

tagcctagat	accatctacc	actgaggccc	agtggagcca	gccttcctac	gcccagtgag	60
atgaccctgg	aaacagactg	atgccaacct	gaatatatga	acttctggtg	tgatgtgaat	120
gaaaaatat	cttggttcact	gaaaaaaaaa	aa			152

<210> 824

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 824

ccccaatgac	cccagacccg	aangtaaaac	atgtnncccc	ctgttctggc	agatggaaat	60
caanntcacc	nnctggggga	caggctgccc	atctcgttga	taaattgact	atgcccaataa	120
attaacatgg	ttcactttca	aaaaaaaaaa				150

<210> 825

<211> 109

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(109)

<223> n = A,T,C or G

<400> 825

accctgttgc	tggcatatgg	aatcaacnt	cacnngctgg	gggacaggct	gcccattctg	60
ttgataaatt	gactatgcc	ataaattaac	atggttcact	ttcaaaaaa		109

<210> 826

<211> 164

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 826

tcctggagct	agaaaaantt	tttggnttgt	acattgccag	gcanncattg	gggtcggagc	60
tgcaagcata	ttaaggccag	cctggcctan	attganaaac	ctcatttttg	gaaagtga	120
nactttgtca	attaacatgc	agntnggntc	aataaagact	tttg		164

<210> 827

<211> 130

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(130)
 <223> n = A,T,C or G

 <400> 827
 ttgaagcgaa gcatctgggn ccctgttctn nnagatggaa ggaacctcan ctctggggg 60
 acaggctgcc catctcgttg ataaattgac tatgccata aattaacatg gttcactttc 120
 aaaaaaaaaa 130

 <210> 828
 <211> 122
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

 <400> 828
 agacaggcct gatttctca tctgaccagn taaacactca gtaggatntc atengaacta 60
 ctggaaccna cnagactcta nggaaatctt ctgcccctta gnttattttt tgttacagcc 120
 ct 122

 <210> 829
 <211> 146
 <212> DNA
 <213> Mus musculus

 <400> 829
 tgagggtggtt gaagactggg ggcagggagt gctttgcaaa cagaagaccc gcaggaaatg 60
 ccgagtaatg acttgtgttg gttcaccctc cctgctcccg tcttctttta aaacaaataa 120
 acagaatgga aacgcacaaa aaaaaa 146

 <210> 830
 <211> 114
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

 <400> 830
 gccctgttc tggcanatgg aaatcaanct cacctnctgg gggacaggct gccatctcg 60
 ttgataaatt gactatgcca ataaattaac atggttact ttcaaaaaaa aaaa 114

 <210> 831
 <211> 192
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

 <400> 831

gactgagga gttgggtgcg cgcncctccc cgggcgcctc actaggnaag ctatgcgaaa 60
 ttatttaana gaacgaggng atcaaacagt gctcattctt catgcaaaag ttgcacagaa 120
 gtcttacgga aatgaaaaac gatttttttg cctcctcctt tgtgtgnatc ttatgggcag 180
 tggttgaaa aa 192

<210> 832
 <211> 168
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(168)
 <223> n = A,T,C or G

<400> 832
 gactgagatc tgactgaanc ctgagtgtc ngtcntgaag gngaagcatg tgggcccctg 60
 ntctggcaga tggaantcaa cctcacctcc tggnggacag gctgcccacg tcgttgataa 120
 attgactatg ccaataaatt aacatggttc actttcaaaa aagaaaaa 168

<210> 833
 <211> 133
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 833
 tgaaggcgaa gcatgtggnc ccctgctctg gcagatggaa nnnaanctca cctcctgggg 60
 gacaggctgc ccatctcggt gataaattga ctatgccaat aaattaacat gggttcacttt 120
 caaaaaagaa aaa 133

<210> 834
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 834
 tcttgactga aacctcgaag tgctngagtc ttgaaggnga ancatgnggg cccctgttct 60
 ggcagatgga aatcangntc acctcctggg ggacaggctg cccatctcgt tgataaattg 120
 actatgccaa taaattaaca tggttcactt tcaaaaaaaa aaa 163

<210> 835
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 835
 gactgaggtg tgagctctct gcttgctgct ccagtcgctg tgcttgccctg ctgtggtgcc 60
 tccctaccag gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc 120
 ataaaaaaaa aa 132

<210> 836
 <211> 178
 <212> DNA

<213> Mus musculus

<400> 836

gagatacatc	tcatacagcgc	tcagatcacc	atctaccact	gaggcccagc	gaagccagcc	60
ttcctacgcc	cagtgcgatg	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	120
tctggtgtga	tgtgaatgaa	aatatatctt	gttcactgag	tttgctataa	aaaaaaaa	178

<210> 837

<211> 147

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 837

tctaccactg	aggcccannng	aagccagcct	tcctacnccc	agtgcgatga	ccctggaaac	60
agactgatgc	caacctgaat	atatgaactt	ctggtgtgat	gtgagngaaa	atatactctg	120
ttcactgagt	ttgctataaa	aaaaaaaa				147

<210> 838

<211> 225

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(225)

<223> n = A,T,C or G

<400> 838

gggctgaggg	agcagcctgg	gccnnggcc	tttctnatgc	ctgccctncg	annttggtg	60
nnccntnngn	tcagcctcag	atcaccatct	accactgagg	cccagtgaag	ccagccttcc	120
tacgccagc	gagatgaccc	tggaacaga	ctgatgccaa	cctgaatata	tgaacttctg	180
gtgtgatgtg	aatgaaaata	tatcttggtc	actgaaaaaa	aaaaa		225

<210> 839

<211> 170

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(170)

<223> n = A,T,C or G

<400> 839

tctcatcagc	ctcaggatca	ccatctacca	ctgaggccca	gtgaagccag	ccttcctacg	60
cccagtgaga	cgnnccctgga	aacagactga	tgccaacctg	aatatatgaa	cttctggtgt	120
gatgtgaatg	aaaatatatc	ttgttcactg	agnttgctat	aaaaaaaaaa		170

<210> 840

<211> 147

<212> DNA

<213> Mus musculus

<400> 840

tctatagcct	cagataccat	ctaccactga	ggcccagtg	agccagcctt	cctacgccc	60
gtgagatgac	cctggaaaca	gactgatgcc	aacctgaata	tatgaatttc	tggtgtgatg	120
tgagtgaata	tatatcttgt	tcactga				147

<210> 841
 <211> 268
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 841
 caccatctac cactgtangc ccagtgaagc cagccttcct acgcccagtg agatgaccct 60
 ggaaacagac cgatgccaac ctgantatat gaacttntgg ngtgatgtga atgaaaatat 120
 atcttgntcn ctgccaanna agnccaaaag aanctannct tcctacgcnc agtgagatga 180
 ccctggaaac agactgatgc caacctgaat atatgaactt ctggcgtgat gtgaatgaaa 240
 atatatcttg ttcactgaaa aaaaaaaaa 268

<210> 842
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 842
 tgagatcctc tcatcagcct cangncacca tctaccactg angcccagtg aagccagcct 60
 tcctacgccc agtgagatga ccctggnaac agactgatgc caacctgaat atatgaactt 120
 ctggtgtgat gtgantgana atatatcttg ttcactgagt ttgctataaa aaaaaaa 177

<210> 843
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 843
 taagcctaga taccatctac cactgaggcc cagtgaagcc agccttccta cgcccagtgga 60
 gatgaccctg gaaacagact gatgccaaac tgaatatatg aacttctggt gtgatgtgaa 120
 tgaaaatata tcttgctcac tgaaaaaaaa aaa 153

<210> 844
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 844
 cttgatacca tctaccactg nggcccagng aagccagcct tcctacgccc agtgaganga 60
 ccctggaaac agactgatgc caacctgaat atatgaactt ctggngcgat gngaataaaa 120
 atatatcttg tt 132

<210> 845
 <211> 141
 <212> DNA
 <213> Mus musculus

<400> 845

ccctctccac	ctgaggccca	gtgaagccag	ccttcctacg	cccagtgaga	tgaccctgga	60
aacagactga	tgccaacctg	aataatatga	cttctggtgt	gatgtgaatg	aaaatatatc	120
ttgttcaactg	aaaaaaaaa	a				141

<210> 846
 <211> 159
 <212> DNA
 <213> Mus musculus

gcctagatac	catctaccac	tgaggcccag	tgaagccagc	cttcctacgc	ccagtgagat	60
gaccttgga	acagactgat	gccaaacctga	atatatgaac	ttctggtgtg	atgtgaatga	120
aaatatatct	tggttcaactg	gtttgctata	aaaaaaaaa			159

<210> 847
 <211> 148
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

atcaccatct	accactgagg	cccagtgaa	ccagccttcc	tacgcccagt	gagatgaccc	60
tggnaaacag	actgatgcca	acctgaatat	atgaacttct	gggtgtgatg	ngaatgaaaa	120
tatatcttgt	tcactgagaa	aaaaaaaaa				148

<210> 848
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

acatgtgggc	ccctgttctg	gcncatggaa	atcangngga	nntcctgggg	gacaggctgc	60
ccatctcnn	nataaattga	ctatgccaat	aaattaacat	ggttcaaaa		109

<210> 849
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

tgaaggcgaa	gcatgtggnc	ccctgntctg	gcagatggaa	nncaanctca	cctcctgggg	60
gacaggctgc	ccatctcgnt	gataaattga	ctatgccaat	accatnaaca	tggttcaaaa	120
aaagaaaa						128

<210> 850
 <211> 132
 <212> DNA
 <213> Mus musculus

000001.051201

129

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<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G
```

```
<210> 857
<211> 154
<212> DNA
<213> Mus musculus
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<220>  
<221> misc_feature  
<222> (1)...(154)  
<223> n = A,T,C or G
```

```
<210> 858
<211> 146
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(146)  
<223> n = A,T,C or G
```

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<210> 859
<211> 167
<212> DNA
<213> Mus musculus
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```
<210> 860
<211> 161
<212> DNA
<213> Mus musculus
```

<400> 860

ctctcatcag cctcagatca ccatctacca ctgaggccca gtgaagccag ccttcctacg 60
cccagtgaga tgaacctgga aacagactga tgccaacctg aatatatgaa cttctggtgt 120
gatgtgaatg aaaatatatc ttgttcaactg aaaaaaaaaa a 161

<210> 861
<211> 159
<212> DNA
<213> Mus musculus

<400> 861
tctatacgcc tcagatcacc atctaccact gagggccagt gaagccagcc ttcctacgcc 60
cagtgtgagatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
tgtgaatgaa aatatatctt gttcactgaa aaaaaaaaaa 159

<210> 862
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 862
gcctagatcac catctaccac tgaggcccag tgaagccagc cttntctacgc ccagtgtgagat 60
gaccttgga acagactgat gccaaacctga atatatgaac ttctggtgtg atgtgaatga 120
aaatatatct tgttcaactg aaaaaaaaaa a 151

<210> 863
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 863
ctcaagatca tcatctacca ctgaggccca ntgaagccag ccttcctacg cccantgaga 60
tgaccttgga aacagactga tgccaacctg antatatgaa cttntggngt gatgtgaatg 120
aaaatatatc ttgttcaactg agaaaaaaaa aa 152

<210> 864
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 864
ctctcattag cctcagtatc accntctacc actgaggccc agtgaagcca gccttcctac 60
gccagtgtgag atgacctgtg naacagactg atgccaacct gaatatatga acttctggtg 120
tgatgtgaat gaaaatatat cttgttcaact gaaaaaaaaa aa 162

<210> 865
<211> 159
<212> DNA
<213> Mus musculus


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<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 865
tctcatcagc ctcaggatca ccatctacca ctgaggccca gtgaagccag ccttcctacg      60
cccagtgaga tgannctgga aacagactga tgccaacctg aatatatgaa cttctggtgt      120
gatgtgaatg aaaatatatc ttgttcacta aaaaaaaaaa      159

<210> 866
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 866
ttttgtccga tccatggggg tgaggggtca gatcaccatc taccactgag gccagngaa      60
gccagccttc ctacgcccag tgagatgacc ctggaaacag actgatgcca acctgaatat      120
atgaacttct ggagtgtatg gaatgaagat atatcttggt cactgagttt gctatggggg      180
gggggagaac ccaa      194

<210> 867
<211> 167
<212> DNA
<213> Mus musculus

<400> 867
tctatcagcc tcagatacca tctaccactg aggccagtg aagccagcct tcctacgccc      60
agtgatgaga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat      120
gtgaatgaaa atatatcttg ttcactgagt ttgctataaa aaaaaaa      167

<210> 868
<211> 306
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 868
gctcaatgaa aagccttgta ntaatancct gacatgcca gtatgnagag anttgctata      60
nnnnatggag ggcgcccgtg tgtgntgctg aggactntgt nnctgccgga annnggagng      120
ctntcntttt ccgtttttan agagatncat ntcacagcc tcagatcanc atattaccan      180
ttgaggccca gngaagccag ccttttntac gcccagttag atgaccctgg gaaacagact      240
gatgccaacc tgaatatatg aacttntctg tgtgatgggt aangaaaaat atatcttggt      300
cacttg      306

<210> 869
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

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<211> 161
 <212> DNA
 <213> Mus musculus

<400> 874		
tctcatcagc	ctcagatcac	catctaccac
ccagtgcgat	gaccctggaa	acagactgat
atgtgaatga	aaatataatct	tggtcactga
	gaaaaaaaaa	a
		60
		120
		161

<210> 875
 <211> 291
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 875		
tacctgtaca	tggtcnagta	tgaggnggac
gctggtnnng	gctttgctnn	tgncngncag
ganatnctc	tnatcancct	taggancacc
cttcctacgc	ccagaagaga	tgaccctgga
cttctgggtgt	gatgtgaatg	aaaatataatc
	ttgttcactg	aaaaaaaaa
		a
		60
		120
		180
		240
		291

<210> 876
 <211> 188
 <212> DNA
 <213> Mus musculus

<400> 876		
gactgagctt	ggctgaagag	gaaataaaaac
ctctactcgc	tccaaagatc	ctgtctctac
cagccctcca	cattcctcca	atggccattc
aaaaaaaaa		
	tgagcaggag	gtggtggagg
	gaatggatat	
	gccccgaaac	ggaagtccc
	gccccattaa	
		60
		120
		180
		188

<210> 877
 <211> 130
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(130)
 <223> n = A,T,C or G

<400> 877		
tgaggcccag	tgaatncagc	cttntctacnn
tgccaacctg	aatatatgaa	cttctgggtgt
agtttgctat		
	gatgtgaatg	aaaatataatc
	ttgttcactg	
		60
		120
		130

<210> 878
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 878

gcccgccttc ctgcccagtg gagatgaccc tggnaacaga ctgatgccaa cctgaatata 60
ttaaattctg gtgtgatgtg aatgaaaata tatcttggtc accgagtttg ctataaaaaa 120
aaaa 124

<210> 879
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 879
tgcccactga atccagcctt cctacgccc gngngatgan cctggnaca gactnatgcc 60
aacctganta tatgaacttn tggngtgatg tgaatgaaaa tataatcttg t 111

<210> 880
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 880
acgcccgcct tcctacgccc agtgagatga ccctggaaac agactgatgc caacctgaat 60
atatgaactt ctggtgtgat gtgaatgaaa atatatcntg ttcactgagt ttgctataaa 120
aaaaa 125

<210> 881
<211> 158
<212> DNA
<213> Mus musculus

<400> 881
tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgccc 60
agtgaatgaa ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaaa 158

<210> 882
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 882
ccatctcatc agcctcaggn caccatctac cactgaggcc cagtgaagcc agccttccta 60
cgcccagtgat gatgaccctg gaaacagact gatgccaaacc tgaatatatg aacttctggt 120
gtgatgtgaa tgaaaatata tcttggtcac tgaaaaaaaaa aaa 163

<210> 883
<211> 248
<212> DNA
<213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 883
gcttggggaa ctctcaaagg gctgacaggn ngcatcctgt ngtganacac ganaanatct      60
cttttgccgc ncctnngaen atgcatctna taanactcag atggacnadc taccactgag      120
gcccattgtcn tagncagnct tgctacnccc anaganatga ccttgnnanc agactgatgc      180
caacctgaat atatgaactt ctggtgtgat gtgaatgaaa atatattctg ttcactgaaa      240
aaaaaaaaa                                248

<210> 884
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 884
cctctcatca gcctcaggnc accatctacc actgaggccc agtgaagcca gccttcctac      60
gcccagttag atgtccctgg aaacagactg atgccaacct gaatatatga acttctggtg      120
tgatgtgaat gaaaatatat cttgttcact gaaaaaaaaa aa                        162

<210> 885
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 885
tgagatcctt tcatctgcct cagatnacca tctaccactg aggcccagct gaagccagcc      60
tttctactcc cagttagatg ngntctggaaa cagactgatg ccaacctgaa tatatgaact      120
tctggtgtga tgtgaatgaa aatatattct gttcactgaa aaaaaaaaaa      169

<210> 886
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 886
gactgagacc tctcattagc ctcangacac catctaccac tgaggcccan tgnagccagn      60
cttcctacgc ccagngagat gaccctggaa acagactgat gccaacctga atatatgaac      120
ttntggtgtg atgtcgaatg aaaatatatc ttgttcactg agtttgctaa aaaaaaaaaa      179

<210> 887
<211> 171
<212> DNA
<213> Mus musculus

<220>

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<221> misc_feature
 <222> (1)...(171)
 <223> n = A,T,C or G

<400> 887
 gactgagatc ctctcatcag cctcaggnc a cctcctacca ctgaggccca gtgaagccag 60
 ccttcctacg cccagtgaga tgaccttgga aacagactga tgccaacctg aatatatgaa 120
 cttctggtgt gatgtgaatg aaaatatatc ttgttctactg aaaaaaaaaa a 171

<210> 888
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 888
 gactgagctt ggctgaagag gaaataaaac tgagcaggag gtggtggagg gaatggatat 60
 ctctactngc tccaaagatc cngnctctac agagaaaacg gccccgaaac ggaagttccc 120
 cagccctcca cattcctcca atggccattc gncccaagac tcatccacga gccccattaa 180
 aaaaaaaaaa 188

<210> 889
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 889
 tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgccc 60
 agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
 gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaaa 158

<210> 890
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 890
 tgaacttaaa aagatcttgc gctcggntga gctgnnccnc cantnnggga cccacactgg 60
 ggaaangcac tncccgntgc ccactgtgnt gagaagagat tcatgaggag tgaccatctc 120
 accaancatg cccggtagta acaccgagtt 150

<210> 891
 <211> 113
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 891
 gcccttccta cgcccagtga gatggncctg gnaacagact gatgccaaac tgaatatatg 60
 aacttctggn gtgatgtgaa tgaaatatnt nttggtcact ggaaaaaaaaa aaa 113

<210> 892
 <211> 114
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

<400> 892
 ccagccttcc tgcgccagtg agatgggcct ggnaacagac tgatgccaac ctgaatatat 60
 gaacttctgg tgtgatgtga atgaaaaatat atcttgttca ctgaaaaaaaa aaaa 114

<210> 893
 <211> 145
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

<400> 893
 accattctac cactgaggcc cagtgaagct cagccttcct acncccantg agatgaccct 60
 gnaaacagac tganagccaa cctgnatata ttgaacttct ggtgngatgn gaatgaaant 120
 atatcttgtt cactgagaaa aaaaa 145

<210> 894
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 894
 cgtttttgta cagatccatn ggntggggct gngatgacca tctaccncct gagggccagt 60
 gaatgcengn cticctacgc ccagagngat gaccctggaa acagactgat gccaacctga 120
 atatatgaac ttctggngtg atgtgaatga aaatatatcc ttgttcactg agtttgctat 180
 ncntctagtg tttttatttt gaaaaaaaaa aa 212

<210> 895
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 895
 aaaaaccatc taccactgca tgcccagctg antccagnct tcctacgccc annagatga 60
 gcctggnaac agactgatgc caacctgaat atatgaactt ctggtgtgat gtgaatgaaa 120
 atatatcttg ttcactgaga aaaaaaaaa 149

<210> 896
 <211> 120
 <212> DNA

<213> Mus musculus

<400> 896
aagccagccc ttccctacgc ccagtgagat gaccctggaa acagactgat gccaacctga 60
atatatgaac ttctggtgtg atgtgaatga aaatatatct tgttcaactga aaaaaaaaaa 120

<210> 897

<211> 116

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

<400> 897
tagaggccca gtgaagccag ccttcctacc gcccagtgag atgaccctgg aaacagactg 60
atgccaacct gaatatatga accttctggn gggatgtgaa tgaaaatata tcttgt 116

<210> 898

<211> 152

<212> DNA

<213> Mus musculus

<400> 898
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aacggccccg aaacggaagt tccccagccc tccacattcc tccaatggcc attcgcccca 120
agactcatcc acgagcccca ttaaaaaaaaa aa 152

<210> 899

<211> 143

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(143)

<223> n = A,T,C or G

<400> 899
accatctacc actgcatgcc caotgaatcc agccttccta caccagtgga gnggagcctg 60
ganncagact natgccaacc tgaatatatg aacttctggt gtgatgtgaa tgaaaatata 120
tcttggtcac tgaaaaaaaa aaa 143

<210> 900

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 900
ctaccactga ggcccagtgga agccancctt cctacgcccc gtgngnngnc cctggnaaca 60
gactgatgcc aacctgaata tatgaacttc tggncgtgat gagaatgaaa actatatctt 120
g 121

<210> 901

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 901

ctagatacca tctaccactg aggcccagtg aagccagcct tntacgccc agtgagatga	60
ccctggnaac agactgatgc cnacctgaat atatgaactt ctggngtgat gtgaatgaaa	120
atatatcttg ttcactgaaa aa	142

<210> 902

<211> 156

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 902

tctatagcct cagataccat ctccactgag gccagtgaa gccagccttc ctacgcccag	60
tgagatggnn ntggnaacag tctgatgcca acctgaatat atgaacttct ggtgtgatgt	120
gaatgaaaat atatcttggt cactgaaaa aaaaaa	156

<210> 903

<211> 159

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 903

tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacnccc	60
agtgagatgg ccctggnnac agactgatgc caacctgaat atatgaactt ctgggtgat	120
gtgaatgaaa atatatcttg ttcactgaaa gaaaaaaaa	159

<210> 904

<211> 116

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

<400> 904

cccctgaggc ccagtgaagc cagccttcct acaccantg agatggcct ggnaacagac	60
tgatgccaac ctnaatatat gaacttcttg tgtgatgtga atgaaaatat atcttg	116

<210> 905

<211> 193

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(193)

<223> n = A,T,C or G

<400> 905

catcttatat	gcctgccctc	cgttttttna	caanatccat	gggntgggg	ctnagatcac	60
catctaccac	tgaggccan	tgaagccanc	cttcctactc	ccagtgagat	gaccctggaa	120
acagactgat	gccaacctna	atgtatnnaa	ctnctaggtg	cagatgnaga	atgaaaatat	180
atctttgatc	act					193

<210> 906

<211> 153

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 906

agccctttat	caccatctac	caatgaggcc	cantgaancc	anccttctta	ctcccantna	60
natgangctg	ggnnccagact	gatancaacc	tgaatatatg	aacttctggt	gtgatgtgaa	120
tgaaaatata	tcttggtcac	tgaaaaaaaa	aaa			153

<210> 907

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 907

cccatctacc	actgaggccc	antgaagcca	gccttntctac	gcccagngag	atgnccctgg	60
aaacagactg	ntgccaacct	gaatatatga	ncttctggng	tgatgtgaat	gaaaanatat	120
cttggttcact	gaaaaaaaaa	aa				142

<210> 908

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 908

ccctgaggcc	cagtgaagcc	agccttctta	cgcccagtg	gatgnccctg	gnaacagact	60
gatgccaac	tgaatatatg	aacttctggt	gtgatgtgaa	tgaaaatata	tcttggtcac	120
tgagtttgct	ataaaaaaaaa	aa				142

<210> 909

<211> 299

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 909
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cncccattna gatgnccctg gaaacagact natgccaaacc tnantatatn aacttntggt 120
gtgaacgnna atnaaaatat atcttgntca ctnacactga tatccaaaga anccagcctt 180
cctactnncc aatgaagatg accctggaaa cagacttgat ncncaacctg nngggngaac 240
ttctggtgtg atgtgaatga aaatatatct tgttcaactga gtttgctaga aaaaaaaaaa 299

<210> 910
<211> 172
<212> DNA
<213> Mus musculus

<400> 910
tgagatccat ctcatcagcc ctccaggatca ccatctacca ctgaggccca gtgaagccat 60
ccttcctacg cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa 120
cttctggtgt gatgtgaatg aaaatatatc ttgttcaactg agaaaaaaaa aa 172

<210> 911
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 911
tctcatcagc ctccagatcac catctaccac tgaggcccag tgaagccagc cttcctaccc 60
ccagtgcgat gagcctgggn acagactgat gccaaacctga atatatgaac ttctggtgtg 120
atgtgaatga aaatatatct tgttcaactga aaaaaaaaaa 160

<210> 912
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 912
aagcctagat accatctacc actgangccc agtgaagcca gccttcttac gcccagtgag 60
atggncctgg aaacagactg atgccaaacct gaatatatga acttctggtg tgatgtgaat 120
gaaaatatat cttgttcaact gaaaaaaaaa aa 152

<210> 913
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 913
gtgagccagc cttcctacgc ccantgagat ggnccctggaa acagactgat gccaaacctga 60
atatatgaac ttctggtgtg atgtgaatga aaatatatct tgttcacctg aaaaaaaaaa 120
a 121

<210> 914

<211> 117
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

 <400> 914
 cgcccttcct acgcccagtg agatgaccct ggaaacagac tgatgccaac ctgaatatat 60
 gaaccttctg gngtgattgt gaatgaaaat atntcttgn tcaactgaaaa aaaaaaa 117

 <210> 915
 <211> 142
 <212> DNA
 <213> Mus musculus

 <400> 915
 ccctctccac ctgaggccca gtgaagccag cttcctacg cccagtgaga tgaccctgga 60
 aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg aaaatatatc 120
 ttgttcaactg agaaaaaaaa aa 142

 <210> 916
 <211> 161
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

 <400> 916
 ctctcatcag cctcaggnc aacatctacca ctgaggccca gtgaagccag cttcctacg 60
 cccagtgaga tgaccctgga aacagactca tgccaacctg aatatatgaa cttctggtgt 120
 gatgtgaatg aaaatatatc ttgttcaactg aaaaaaaaa a 161

 <210> 917
 <211> 139
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

 <400> 917
 ccttctccct gaggccagtg gaagccagcc ttcctacgcc cagtgaatg ancctggaaa 60
 cagactgatg ccaacctgaa tatatgaact tctggtgtga tgtgaatgaa aatatatctt 120
 gttcactgaa aaaaaaaaa 139

 <210> 918
 <211> 167
 <212> DNA
 <213> Mus musculus

 <400> 918
 tctatcagcc tcagatcacc atctaccact gaggcctagt gaagccagcc ttcctacgcc 60
 cagtgaatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
 tgtgaatgaa aatatatctt gttcactgag tttgctaaaa aaaaaaa 167

<210> 919
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 919
 ctataagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgccc 60
 agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctgggtgat 120
 gtgaatgaaa atatatcttg ttcactgagt ttgctaagaa aaaaaaa 167

<210> 920
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 920
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 ccagtgaatg gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgat 120
 atgtgaatga aaatatactt tgttactga 150

<210> 921
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 921
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 ccagtgaatg gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgat 120
 atgtgaatga aaacatactt tgttactga gaaaaaaaa a 161

<210> 922
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 922
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 actgatgcca acctgattat atgaacntct gntgtgatnt gaatgaaaat atatcttgnt 120
 cactgagttt gctatcaaaa aaaaaa 146

<210> 923
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)

<223> n = A,T,C or G

<400> 923

actgagatcc	tctcatcagc	ctcaggatca	ccntctncnc	tgaggcccag	tgaagccagc	60
cttcctacgc	ccagtggat	gaccctggaa	acagactgat	gccaacctga	atatatgaac	120
ttctggtgtg	atgtgaatga	aaatatatct	tgttcactga	aaaaaaaaaa		170

<210> 924

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 924

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cagactgntg	ccaacctgaa	tatatgaact	tctggtgnga	tgtgaatgaa	aatatatctt	120
g						121

<210> 925

<211> 178

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 925

gaactgagat	ccatctcatc	agctctcagc	acaccatcta	ccactgaggc	ccagtgaagc	60
cagccttcct	acgcccagng	agatgaccct	ggaaacagac	tgatgccaac	ctgaatatat	120
gaacttctgg	ngtgatgnga	atgaaaatat	atcttgttca	ctgagtttgc	tatagaaa	178

<210> 926

<211> 134

<212> DNA

<213> Mus musculus

<400> 926

gataccatct	ccacctgagg	cccagtgaag	ccagccttcc	tacgcccagt	gagatgaccc	60
tggaacaga	ctgatgccaa	cctgaatata	tgaacttctg	gtgtgatgtg	aatgaaaata	120
tatcttggtc	actg					134

<210> 927

<211> 162

<212> DNA

<213> Mus musculus

<400> 927

taagcctaga	taccatctac	cactgaggcc	cagtgaagcc	agccttcccta	cgcccagtga	60
gatgaccctg	gaaacagact	gatgccaaac	tgaatatatg	aacttctggt	gtgatgtgaa	120
tgaaaatata	tcttggtcac	tgagtttgct	ataaaaaaaaa	aa		162

<210> 928

<211> 142

<212> DNA

<213> Mus musculus

<400> 928

ccactgaggc ccagtgaagc cagccttcct acgcccagtg agatgacctt ggaaacagac 60
 tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat atcttgttca 120
 ctgagtttgc taaaaaaaaa aa 142

<210> 929
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 929
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 cttcctacgc ccagtggatg gaccctggna acagactgat gccaacctga atatatgaac 120
 ttctggngtg atgtgaatga aaatatatct tgttcactga gtttgctata aaaaaaaaaa 179

<210> 930
 <211> 145
 <212> DNA
 <213> Mus musculus

<400> 930
 gataccatct ccacctgagg ccagtggaag ccagccttcc tacgcccagt gagatgacct 60
 tggaaacaga ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg aatgaaaata 120
 tatcttgttc actgaaaaaa aaaaaa 145

<210> 931
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 931
 aatgccagcc ttcctacgcc catcnggacg acgntggaga cagnctgang ccaacctnaa 60
 tatatgaact tctngngnga tngaatgaa aatatatctt gttcactgag tttgctatag 120
 aaaaaaa 127

<210> 932
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 932
 cctctatcag cctcagatca ccatctacca ctgaggccca gtgaagccag cttcctacg 60
 ccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctgggtg 120
 gatgtgaatg aaaatatatc ttgttcactg aaaaaaaaaa a 161

<210> 933
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 933
gacaccatct accactgtan gcccantgaa gncagccttc ctacgcccag ngagatgacc 60
ctggnaacag actgatgcca acctgantat atgaacttnt ggtgagatgt gaangaaaat 120
atatcttggn cactgagaaa aaaaaaa 147

<210> 934
<211> 157
<212> DNA
<213> Mus musculus

<400> 934
tctatagcct cagataccat ctaccactga ggcccagtga agccagcctt cctacgccc 60
gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
tgaatgaaaa tatactctgt tcactgaaaa aaaaaaa 157

<210> 935
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 935
gccagtgaa gccagccttn ctacacccag nagagatgan cctgganaca gactgatgcc 60
aacctgnnta tntgaacttc tgggtgtgata gtgnatgana atatatcctc tgttcactga 120
t 121

<210> 936
<211> 149
<212> DNA
<213> Mus musculus

<400> 936
catctaccac tgaggcccag tgaagccagc cttcctacgc ccagtgagat gaccctggaa 60
acagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga aaatatactt 120
tgttcactga gtttgctata aaaaaaaaa 149

<210> 937
<211> 225
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 937
tgatcctgcc gtgagaccng agtgctntct tttcgnctgt antaannaga tnnatancat 60
ganccnnana tgaccatcta ccaactgnang cccactgaag ccagccttnc tacgnccagt 120
agagatgacc ctgtgaacag actgatgcca acctgaatat atgaacttct ggtgtgatgt 180
gaatgaaaat atatcttggt cactgagttt gctataaaaa aaaaa 225

<210> 938
<211> 126
<212> DNA
<213> Mus musculus

<400> 938
ccaaaagaag ccagccttcc tacagcccag tgagatgacc ctggaaacag actgatgcca 60

acctgaatat atgaacttct ggtgtgatgt gaatgaaaat atatcttgtc cactgaaaaa 120
aaaaaa 126

<210> 939
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 939
tctcatcagc ctcaggncac catctaccac tgaggcccag tgaagccagc cttcctacgc 60
ccagtgaat gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgtg 120
atgtgaatga aaatataatc tgttcactga gtttgctata aaaaaaaaaa 169

<210> 940
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 940
aggccccgtg aagccagcct tcctacgccc agtgagatgg ncctggnaac agactgatgc 60
caacctgaat atatgaactt ctggtgtgat gtgaatgaaa atatatcttg ttcactgaaa 120
aaaaaaaa 128

<210> 941
<211> 162
<212> DNA
<213> Mus musculus

<400> 941
tctatagcct cagataccat ctaccactga ggcccagtga agccagcctt cctacgccc 60
gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
tgaatgaaaa tataatcttg tccactgagtt tgctatagaa aa 162

<210> 942
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 942
tctcatcagc ctcaggncac catctaccac tgaggcccag tgaagccagc cttcctacgc 60
ccagtgaat gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgtg 120
atgtgaacga aaatataatc tgttcactga aaaaaaaaaa 160

<210> 943
<211> 144
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 943
agctctcagc acaccatcta ccactgaggc ccagtgaagc cagccttcct acgcccagng      60
anatgaccct ggagacagac tgatgccaac ctgactatat gancttntgg ngngatgnga      120
atgaaaatat atcttgggtca ctga                                             144

<210> 944
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 944
tataaaccta gatcaccatc taccactgag gccagtgaa gccagccttc ctacgccag      60
taagatganc ctggngncag actgatgcca acctgaatat atgaacttct ggtgtgatgt      120
gaaatgaaaa tatactttgt tgactgagtt tgctataaaa aaaaaa                    166

<210> 945
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 945
tgaagccagc cttcctaccc ccantgatat gaccctggna acagactgat gccaacctga      60
atatatgaac ttctggtgtg atgtgaatga aaatatatct tgttcaactga gtttgctata      120
aaaaa                                             125

<210> 946
<211> 151
<212> DNA
<213> Mus musculus

<400> 946
gcctagatca ccattctacca ctgaggccca gtgaagccag ccttcctacg cccagtgaga      60
tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg      120
aaaatatatc ttgttcaactg aaaaaaaaaa a                                     151

<210> 947
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 947
actgaagcca gccttcctac gccagtgan atgaccctgn naacagactg atgccaacct      60
gaatatatga acttctggtg tgatgtgaat gaaaatatat cttgttcaact gagtttgcta      120

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taaaaaaaaa a

131

<210> 948

<211> 166

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 948

tctatagcct	cagataccat	ctaccactga	ggcccagtg	agccagcctt	cctacgcca	60
gtgagatgnc	cctggaaaca	gactgatgcc	aacctgaata	tatgaacttc	tggtgtgatg	120
tgaatgaaaa	tatatcttgt	tcactgagtt	tgctataaaa	aaaaaa		166

<210> 949

<211> 127

<212> DNA

<213> Mus musculus

<400> 949

gccagtgaa	gccagccttc	ctacgcccag	tgagatgacc	ctggaaacag	actgatgcca	60
acctgaatat	atgaacttct	ggtgtgatgt	gaatgaaaat	atatcttgtt	caactgagaaa	120
aaaaaa						127

<210> 950

<211> 177

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 950

ctctcatcag	cctaagaatc	accatntacc	actggaggcc	cagtgaagcc	agccttcnta	60
cgcccagnga	gatgaccctg	gaaacagact	gatgccaacc	ctggaatata	tggaacttct	120
ggtgtgatgg	gaatgaaaat	atntccttgt	tcactgagtt	tgctttaaaa	aaaaaa	177

<210> 951

<211> 215

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(215)

<223> n = A,T,C or G

<400> 951

tggtcctgcc	gccagacggt	agtgtctctt	tttgccgttc	ttaangagat	ncatcatcat	60
nagcctnaga	tcancatata	ccantgaggc	ccaagagaag	ccagccttcc	tacgcccagt	120
gtgatgacct	tggaacaga	ctgatgcaa	cctgaatata	tgaacttctg	gtgtgatgtg	180
aatgaaaata	tatcttgttc	actgaaaaaa	aaaaa			215

<210> 952

<211> 151

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(151)
 <223> n = A,T,C or G

<400> 952
 atctcatcag cctcaggnca ccatctacca ctgaggccca gtgaagccag ccttcctacg 60
 cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctgggtg 120
 gatgtgaatg aaaatatatc ttgttcactg a 151

<210> 953
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 953
 attgcagcac ttcctacgcc cngtgngntg accctggaaa cagactgatg ccaacctgaa 60
 tatatgaact tctgggtgta tgtgaatgaa aatatatctt gttcacctga aaaaaaaaaa 120

<210> 954
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 954
 gaagccagcc ttcctacgcc cagtgaagatg accctggaaa cagaccggan gccaacctgg 60
 aatatatnga acttctgggt gtngatgtga atgaaaatat atccttggtc acctgaaaaa 120
 aaaaaa 126

<210> 955
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 955
 tagcctagat caccatctac cactgaggcc cagtgaagcc agccttccta cgcccagtga 60
 gatgaccctg gaaacagact gatgccaacc tgaatatatg aacttctggt gtgatgtgaa 120
 tgaaaaatata tcttggtcac tgaaaaaaaa aaaa 153

<210> 956
 <211> 174
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(174)
 <223> n = A,T,C or G

<400> 956
 accatctacc actgngccc actgaancca gccttcctac gccagtgag atgaccctgg 60
 aaacagactg atgccaacct gaatatatga acttctgggt tgatgtgaat gaaaaatat 120
 cttgttcact gagtttgcta tacatttagt gtttttattt tgtaaaaaaa aaaa 174

<210> 957
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 957
 tctatagcct cagataccat ctaccactga ggcccagtga agccagcctt cctacgcca 60
 gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
 tgaatgaaaa tataatcttgc tcaactgaaaa aaaaaaa 157

<210> 958
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 958
 tgccaagacc tccgtttttg ttcagatcca taaagcccag gcctcagatc accatctacc 60
 acctgaggcc cagngaagcc agccttntca cgcccagtga gatgacctg gaaacagact 120
 gatgccaacc tgantatatg aacttctggn gtgangngaa tgaaaatata tcttg 175

<210> 959
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 959
 tcatgagcct cagaacacca tctaccactg aggccagtg aagccaggct tcctacgccc 60
 agtgagatga ncctggnaac agactgatgc caacctgaat atatgaactt ccggtgtgat 120
 gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaa 158

<210> 960
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 960
 atgactgctg aaaaaccatn taccactgca tgcccactga ntgcagnctt cctacgcca 60
 gtgagangac cctgggtanct nactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
 tgaatgaaaa tataatcttgc tcaactgaaaa aaaaaa 156

<210> 961
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 961
 gccttcactc ccagtgagat gaccttgga acagactgat gccaacctga atatatgaac 60
 ttctggtgtg atgtgaatga aatatatct tgttactga aaaaaaaaaa 110

<210> 962
<211> 158
<212> DNA
<213> Mus musculus

<400> 962
tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgcc 60
agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
gtgaatgaaa atatattctt ttcactgaaa aaaaaaaaa 158

<210> 963
<211> 168
<212> DNA
<213> Mus musculus

<400> 963
tctatcagcc tcagatcacc atctaccact gaggccagtg gaagccagcc ttcctacgcc 60
cagtgcagatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
tgtgaatgaa aatatattctt gttcactggg ttgtctataa aaaaaaaaa 168

<210> 964
<211> 334
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 964
cccagtgaga tggcctggaa acagactgat gccnacctga atatatgaac ttctggngtg 60
atgngantga aaatatatct tgttccactgn anaacacaaa ctaangcctn agctgnannc 120
tgatttnaaa ataacagacc tgctnngctt gcaaggaggn tcccngnggg ggaaactcan 180
tantagtctc cctgtgccac cactctgggc cttttaatgc caagaaagaa ttcancgcga 240
gaanaccttg gagatggtgg cggacgtcca gaatganggn ggacttgagc aaacctatga 300
cccccgccca cccaaacctt tcccgtagca cttaa 334

<210> 965
<211> 149
<212> DNA
<213> Mus musculus

<400> 965
taagatacca tctaccacct gaggccagtg gaagccagcc ttcctacgcc cagtgcagatg 60
accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga tgtgagtga 120
aatatatctt attcactgaa aaaaaaaaa 149

<210> 966
<211> 103
<212> DNA
<213> Mus musculus

<400> 966
ctcccagtgat gatgacctg gaaacagact gatgcccaacc tgaatatatg aactttctggt 60
gtgatgtgaa tgaaaatata tcttgttcac tgaaaaaaaa aaa 103

<210> 967
<211> 153
<212> DNA
<213> Mus musculus

<400> 967

agcctagatc	accatctacc	actgaggccc	agtgaagcca	gccttcctac	gcccagtgag	60
atgaccctgg	aaacagactg	atgccaacct	gaatatatga	acttctgggtg	tgatgtgaat	120
gaaaatatat	cttgttcact	gagaaaaaaa	aaa			153

<210> 968
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 968						
tataagccta	gatcaccatc	taccactgag	gcccagtgaa	gccagccttc	ctacgcccag	60
tgagatgacc	ctggaaacag	actgatgcca	acctgaatat	gngaacttct	ggtgtgatgt	120
gaatgaaaat	atatcttggt	cactgagttt	gctataaaaa	aaaaa		165

<210> 969
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 969						
gccttctctc	ccagtgagat	gaccctggaa	acagactgat	gccaacctga	atatatgaac	60
ttctgggtgtg	atgtgaatga	aaatataatc	tgttcactga	aaaaaaaaaa		110

<210> 970
 <211> 117
 <212> DNA
 <213> Mus musculus

<400> 970						
gccagccttc	ctaccgcccc	gtgagatgac	cctggaaaca	gactgatgcc	aacctgaata	60
tatgaacttc	tggtgtgatg	tgaatgaaaa	tatatcttgt	tcactgaaaa	aaaaaaa	117

<210> 971
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 971						
cccagtgaga	tgaccctgga	aacagactga	tgccaacctg	aatatatgaa	cttctgggtgt	60
gatgtgaatg	aaaatatatc	ttgttcactg	aaaaaaaaaa	a		101

<210> 972
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 972						
tctatcagcc	tcagatcacc	atctaccact	gaggcccagt	gaagccagcc	ttcctacgcc	60
cagtgtgatg	nccctggaaa	cagactgatg	ccaacctgaa	tatatgaact	tctgggtgtga	120
tgtgaatgaa	aatatatctt	gttcactgaa	aaaaaaaaaa			159

<210> 973
 <211> 156

<212> DNA

<213> Mus musculus

<400> 973

tagataccat	ctaccactga	ggcccagtg	agccagcctt	cctacgccc	gtgagatgac	60
cctggaaaca	gactgatgcc	aacctgaata	tatgaacttc	tggtgtgatg	tgaatgaaaa	120
tatatcttgt	tcactgagtt	tgctataaaa	aaaaaa			156

<210> 974

<211> 159

<212> DNA

<213> Mus musculus

<400> 974

tctatagcct	cagatcacca	tctaccactg	aggcccagtg	aagccagcct	tcctacgccc	60
agtgagatga	ccctggaaac	agactgatgc	caacctgaat	atatgaactt	ctggtgtgat	120
gtgaatgaaa	atatatcttg	ttcactgaga	aaaaaaaa			159

<210> 975

<211> 153

<212> DNA

<213> Mus musculus

<400> 975

tagcctagat	accatctacc	actgaggccc	agtgaagcca	gccttcctac	gcccagtgag	60
atgaccctgg	aaacagactg	atgccaacct	gaatatatga	acttctggtg	tgatgtgaat	120
gaaaatatat	cttgttcact	gagaaaaaaaa	aaa			153

<210> 976

<211> 225

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(225)

<223> n = A,T,C or G

<400> 976

gttcctgccg	ccagacggtg	ngctctcttt	tnccgttact	taangngatg	catctcatca	60
gnctnanata	naccatntac	cantagaggc	ccagtagaag	ccgagccttc	ctacnccan	120
ggagatgacc	ctgnaaacag	actgatgcc	acctgaatat	atgaacttct	ggtgtgatgt	180
gaatgaaaat	atatcttgtt	cactgagtat	gctataaaaa	aaaaa		225

<210> 977

<211> 174

<212> DNA

<213> Mus musculus

<400> 977

gatcctctca	tcagcctcag	atcaccatct	accactgggg	cccagtgaag	ccagccttcc	60
tacgcccagt	gagatgacct	tggaacacaga	ctgatgccaa	cctgaatata	tgaacttctg	120
gtgtgatgtg	aatgaaaata	tatcttggtc	actgagtttg	ctataaaaaa	aaaa	174

<210> 978

<211> 158

<212> DNA

<213> Mus musculus

<400> 978

tctatcagcc	tcagatcacc	atctaccact	gaggcccagt	gaagccagcc	ttcctacgcc	60
cagtgaatg	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	tctgggtgtga	120
tgtgaatgaa	aatatatctt	gttccactgaa	aaaaaaaa			158

<210> 979
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 979
 gataccatct ccactgaggc ccagtgaagc cagccttcct acgcccantg agangnnctt 60
 ggnaacagac tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat 120
 atcttggttca ctgagtttgc tataaaaaaa aaa 153

<210> 980
 <211> 166
 <212> DNA
 <213> Mus musculus

<400> 980
 tctatagcct agatcaccat ctaccactga ggcccagtg agccagcctt cctacgcca 60
 gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
 tgaatgaaaa tatatcttgt tctactgagtt tgctataaaa aaaaaa 166

<210> 981
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 981
 gcctagatag catctaccac tgaggcccag tgaagccagc ctctctacgc ccagtgagat 60
 gaccttgga acagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga 120
 aaatatatct tgttctactga aaaaaaaaaa 150

<210> 982
 <211> 168
 <212> DNA
 <213> Mus musculus

<400> 982
 tctatcagcc tcagatcacc atctaccact gagggccagt gaagccagcc ttctctacgcc 60
 cagtgagatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
 tgtgaatgaa aatatatctt gttcactgag ttgtctataa aaaaaaaa 168

<210> 983
 <211> 122
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 983
 gagccagcct tctctacgcc agngagatga ccctggaaac agactgangc caacctgnat 60
 atatgaactt ctggtgtgat gtgngtgaaa atatatctnt gtcccactgc gcaaaaaaaaa 120
 aa 122

<210> 984
 <211> 121
 <212> DNA

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<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 984
gtgaagcctg cctttcctac gccagngag atgaccctgg aaacagactg atgccaacct      60
gaatatatga acttctggtg tgatgtgaat gaaaatatat cttgntcact gagtttgcta    120
a                                                                    121

<210> 985
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 985
aagagatcca tctcatcagc ctcagatcac catctaccnc tgaggccna ntgangccag      60
cctttctacg ccnagtgaga tgaccctgga aacagactga tgccaacc                    108

<210> 986
<211> 129
<212> DNA
<213> Mus musculus

<400> 986
agaagccagc cttcctaccc ccagtgagat gaccctggaa acagactgat gccaacctga      60
atatatgaac ttctggtgtg atgtgaatga aaatatatct tgttctactga gtttgctata    120
aaaaaaaaa                                                                129

<210> 987
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 987
gagatccatc tcatcaagcc tcagatnncc atctaccact gaggcccaag tagaagccag      60
ccttctacc gccaggtga gatgaccctg gaaacagact gatgccacc ttgaatatat    120
gaacttctgg cgtgatgtga atgaaaatat atcttgttca ctgagtttgc taaaaaaaaa    180
aa                                                                    182

<210> 988
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 988

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ggcttgagtc	cagcccaatg	acaccgncnc	ccactgaggn	ccagtgaagc	cagncttcct	60
acgcccagng	agatgaccct	ggaaacagac	tgatgccaac	ctgaatatat	gaacttctgg	120
tgtgatgtga	atgaaaatat	atcttggtca	ctgaaaaaaa	aaaa		164

<210> 989
 <211> 166
 <212> DNA
 <213> Mus musculus

tctatagcct	ctgataccat	ctaccactga	ggcccagtg	agccagcctt	cctacgcca	60
gtgagatgac	cctggaaaca	gactgatgcc	aacctgaata	tatgaacttc	tggtgtgatg	120
tgaatgaaaa	tatatcttgt	tcactgagtt	tgctataaaa	aaaaaa		166

<210> 990
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

gcctttccct	acgcccagcn	gagatgaccc	tggaacaga	ctgatgccaa	cctgaatata	60
tgaacttctg	gtgtgatgtg	aatgaaaata	tatcttgntc	actgaaaaaa	aaaaa	115

<210> 991
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

gactgagagg	cttgantccg	ccngacacc	gnctcccact	ggagnccana	gaanccagcc	60
ttntacgcc	cagccgagat	gaccctggaa	acagactgat	gccaacctga	atatatgaac	120
ttctggtgtg	atgtgaatga	aaatatatct	tggttactga	aaaaaaaaa		170

<210> 992
 <211> 161
 <212> DNA
 <213> Mus musculus

gcctagatca	ccatctacca	ctgaggccca	gtgaagccag	ccttcctacg	cccagtgaga	60
tgaccctgga	aacagactga	tgccaacctg	aatatatgaa	tttctggtgt	gatgtgaatg	120
aaaatatatc	ttgttactg	agtttgctat	gaaaaaaaa	a		161

<210> 993
 <211> 161
 <212> DNA
 <213> Mus musculus

cctctatagc	ctcagatcac	catctaccac	tgaggccag	tgaagccagc	cttcctacgc	60
ccagtgaatg	gaccctggaa	acagactgat	gccaacctga	atatatgaac	ttctggtgtg	120
atgtgaatga	aaatatatct	tggttactga	gaaaaaaaa	a		161

<210> 994
 <211> 112
 <212> DNA
 <213> Mus musculus

<400> 994
 gtgggccccca tgttctgcag atggaaatca acctcacctc ctgggggaca ggctgcccat 60
 cccgttgata aattgactat gccataaat caacatgggt caaaaaaaaa aa 112

<210> 995
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 995
 ataccctctc cacgtgaggc ccagtgaagc cagccttcct acgcccagtg agatgaccct 60
 ggaaacagac tgatgccaa cctgaatata gaacttctgg tgtgatgtgg atgaaaatat 120
 atcttggttc ctgagtttgc tataaaaaaa aaa 153

<210> 996
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 996
 taccactcta ccacctgagg cccagtgaag ccagccttcct tacgcccagtg gagatgacct 60
 tgaaacacaga ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg aatgaaaata 120
 tatcttggtc actgantttg ctatagggaa aaaaaaaaaa 159

<210> 997
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 997
 ccctctccac tgaggccag tgaagccagc cttcctacgc ccagtgagat gaccctggaa 60
 acagactgat gccaacctga atatatgaac ttctgggtgtg atgtgaatga aaatacatct 120
 tgttactga aaaaaaaaaa 140

<210> 998
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 998
 gtgtgaacaa tgaagcaaag atcgggttgg aagagggcaa gaggaaggg ggggatggaa 60
 ggaaaccctg cagccaccaa cacaataaac acaataaacc tgtatcctga ccacctcaaa 120
 aaaaaaaaaa 128

<210> 999
 <211> 137
 <212> DNA
 <213> Mus musculus

<400> 999
 tctccactga ggcccagtg agccagcctt cctacgcca gtgagatgac cctggaaaca 60
 gactgatgcc aacctgaata tatgaacttc tgggtgtgat tgaatgaaaa tatatcttgt 120
 tcactgaaaa aaaaaaa 137

<210> 1000
 <211> 188
 <212> DNA
 <213> Mus musculus

 <400> 1000
 gactgagctt ggctgaagag gaaataaaac tgagcaggag gtggtggagg gaatggatat 60
 ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
 cagccctcca cattcctcca atggccattc gcccgaagac tcattccacga gcccattaa 180
 aaaaaaaaa 188

 <210> 1001
 <211> 105
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 1001
 cagaggccca gtgaagccag ccttcctcag cccagtgaga tgaccctgga nacagactga 60
 tgccaacctg aatatatgaa cttctggtga gatgcgaatg aaaat 105

 <210> 1002
 <211> 160
 <212> DNA
 <213> Mus musculus

 <400> 1002
 tctatcagcc tcagatcacc atctaccact gaggcccagt gaagccagcc ttcctacgcc 60
 cagtgaatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
 tgtgaatgaa aatatatctt gttcactgag aaaaaaaaaa 160

 <210> 1003
 <211> 145
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

 <400> 1003
 cctcaggatc ccatctacca ctgangccca gtgaagccag ccttcctacg encanngaga 60
 nnacctggn aacagactga tgccaacctg antatatgaa cttctggtgt gatgtgaang 120
 aaaatatata ttgttctactg agaaa 145

 <210> 1004
 <211> 127
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

 <400> 1004
 atactttcta ccaactgaggc ccagtgaagc cagcctttct acgcncantg ngannacctt 60
 ggaaacagac tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat 120

atcattg 127

<210> 1005
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 1005
 cctcttgagg cccagtgaag ccagccttcc tacgcccagt gagatgaccc tggaaacaga 60
 ctgatgccaa cctgaatata tgaacttctg gtgngatgtg aatgaaanta tatcttggtc 120
 actgaaaaaa aaaaa 135

<210> 1006
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 1006
 ccgtctccca tgaggcccag tgaagccagc cttcctacgc ccagtgagat gaccctggaa 60
 acagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga aaatatatct 120
 tgttcaactga aaaaaaaaaa 140

<210> 1007
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 1007
 gcctagatac catctaccct gagggcccagt gaagccagcc ttcctacgcc cagtgagatg 60
 accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga tgtgaatgaa 120
 aatatatctt gttcaactgag aaaaaaaaaa 150

<210> 1008
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 1008
 ccacatgagg cccagtgaag ccagccttcc tacgcccagt gagatgaccc tggaaacaga 60
 ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg aatgaaaata tatcttggtc 120
 actgaaaaaa aaaaa 135

<210> 1009
 <211> 162
 <212> DNA
 <213> Mus musculus

<400> 1009
 ctctcatcag cctcagttca ccatctacca ctgaggccca gtgaagccag ccttcctacg 60
 cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt 120
 gatgtgaatg aaaatatatc ttgttcaactg agaaaaaaaa aa 162

<210> 1010
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 1010
cccatgaggg ccagtgaagc cagccttcct acgcccagtg agatgaccct ggaaacagac 60
tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat atcttgntca 120
ctgaaaaaaaa aaaa 134

<210> 1011
<211> 188
<212> DNA
<213> Mus musculus

<400> 1011
gactgagctt ggctgaagag gaaataaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
cagccctcca cattcctcca atggccattc gcccgaagac tcattccacga gcccattaa 180
aaaaaaaa 188

<210> 1012
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 1012
atcaaccaca tgaggcccca gtgaagccag ccttcctacg cccagtgaga ngaccctgga 60
aacagactga tgccaacctg aatatatgaa cttctggtgt gatgngaagtg aaaatatatc 120
ttgttctactg aaaaaaaaaa 140

<210> 1013
<211> 119
<212> DNA
<213> Mus musculus

<400> 1013
tgaagccagc cttcctcgcc cagtgaagtg accctggaaa cagactgatg ccaacctgaa 60
tatatgaact tctggtgtga tgtgaatgaa aatatatcct gttcactgaa aaaaaaaaaa 119

<210> 1014
<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 1014
catgaggccc agtgaagcca gccttcctac gcncagntga gatgaccctg gatacagact 60
gatgccaacc tgaatatatg aacttctggt gtgatgtgaa tgaaaatata tcttggtcac 120
tgaaaaaaaa aaa 133

<210> 1015
<211> 139
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 1015
ccgttctccct gaggcccagt gaagccagcc ttcttacgcc cagtgagatg accctggaaa      60
cagactgatg ccaacctgaa tatatgaact tctggtgtga tgtgaatgaa aatatatctt      120
gttcactgaa aaaaaaaaaa                                139

<210> 1016
<211> 152
<212> DNA
<213> Mus musculus

<400> 1016
gcctcagatc accatctacc actgaggccc agtgaagcca gccttcctac gccagtgag      60
atgaccctgg aaacagactg atgccaacct gaatatatga acttctggtg tgatgtgaat      120
gaaaatatat cttgttcact gaaaaaaaaa aa                                152

<210> 1017
<211> 145
<212> DNA
<213> Mus musculus

<400> 1017
cccgtcgtca cacatgagge ccagctgaag ccagccttcc tacgcccagt gagatgaccc      60
tggaacaga ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg aatgaaaata      120
tatcttggtc actgaaaaaa aaaaa                                145

<210> 1018
<211> 158
<212> DNA
<213> Mus musculus

<400> 1018
ctctatcagc ctcatatacc atctccactg agggcccagt aagccagcct tctacgccc      60
agtgaatgaa ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat      120
gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaaa                                158

<210> 1019
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 1019
cccgtcgtac cacatgagge ccagngaagc cagccttctt acgcccagtg agatgaccct      60
ggaaacagac tgatgccaac ctgaatatat gaactctongg tgtgatgtga atgaaaatat      120
atcttggttc ctgaaaaaaaa aaaa                                144

<210> 1020
<211> 142
<212> DNA
<213> Mus musculus

<400> 1020
ccgtctacca catgaggccc agtgaagcca gccttcctac gccagtgag atgaccctgg      60
aaacagactg atgccaacct gaatatatga acttctggtg tgatgtgaat gaaaatatat      120

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cttgttcact gaaaaaaaaa aa 142

<210> 1021
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 1021
 tctcacgtga ggcccagnga agccagcctt cctacgccc gtnagatga ccctggaaac 60
 agactgatgc caacctgaat atatgaactt ctggtgtgat gtgaatgaaa ntatatcttg 120
 ctcaactg 127

<210> 1022
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 1022
 tctatcagcc tcagatacca tctaccactg agggcccagtg aagccagcct tcctacgccc 60
 agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
 gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaa 158

<210> 1023
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 1023
 tctatatgcc tcagatcacc atctaccact gagggcccagtg gaagccagcc ttcctacgcc 60
 cagtgaatga accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
 tgtgaatgaa aatatatctt gttcactgaa aaaaaaaaa 159

<210> 1024
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 1024
 ccacatgagg cccagngaana ccagccttcc tacgcccagtg gagatgaccc tggaaacaga 60
 ctgatgccaa cctgaatata tgaactngct ggtgngatgt gaatgaaaat atatcttg 118

<210> 1025
 <211> 162
 <212> DNA
 <213> Mus musculus

<400> 1025
 actcactagg gaagctatgc gaaattatatt aaaagaacga ggggatcaaa cagtgtcat 60
 tcttcatgca aaagttgcac agaagtctta cggaaatgaa aaacgatttt ttgcccctcc 120
 tccttggtgtg tatcttatgg gcagtgggtg gaaaaaaaaa aa 162

<210> 1026
 <211> 135

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 1026
ccattctacc acctgaggcc cagtgaagcc agccttccta cgcccagnga gatgaccctg 60
gaaacagact gatgccancc tgaatatatg aacttctggt gtgatgtgaa tgaaaataca 120
tcttggtcac tgaaa 135

<210> 1027
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 1027
ggcccagtga agccagcctt cctacgccc gngagatgac cctggaaaca gactgatgcc 60
aacctgaata tatgaacttc tgggtgtgatg tgantgaaaa tatactcttgc tactgaaaa 120
aaaaaaa 127

<210> 1028
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 1028
tgttgatgc aggcacntct ggctccaaac tgtgttcttc caagtgccct gtctccttcc 60
agcataccac tgagatgtca aagtccacca tgggttaaaca tttctttag tcccttttgc 120
ctcaaaaaaa aaaa 134

<210> 1029
<211> 118
<212> DNA
<213> Mus musculus

<400> 1029
tatggcatcc aaactgtggt cttccaagt cctgtctcc ttccagcata ccaactgagat 60
gtcaaagtcc accatgggta aacatttctt gtagtccctt ttgcctcaaa aaaaaaaa 118

<210> 1030
<211> 111
<212> DNA
<213> Mus musculus

<400> 1030
gatgacggac gtctggcgtc caaacctgtg ttcttccaag tgccctgtct ccttccagca 60
taccacctga gatgtcaaag tccaccatgg ttaaacaattt cttgtagtcc a 111

<210> 1031
<211> 113

<212> DNA
<213> Mus musculus

<400> 1031
acggacatct ggctccaaac tgtgtttctt caagtgcctt gtctccttc agcataccac 60
tgagatgtca aagtccacca tggttaaaca tttctttagt tcaaaaaaaaa aaa 113

<210> 1032
<211> 114
<212> DNA
<213> Mus musculus

<400> 1032
tgaggacat ctggctcaaa ctgtgttctt ccaagtgcc tgtctccttc cagcatacca 60
ctgagatgtc aaagtccacc atggttaaac atttcttgta gtcaaaaaaaaa aaaa 114

<210> 1033
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 1033
atgctacagt acctgcactt taccocagta gccctgaagt gtgggccccg taccctctgt 60
accagcgga gttagcgctt gctcttctn ctctgcgc tttcacctac ccgcttcac 120
tgcatgccc gagncnctgt atagangcnt aggangacac anctcgagg ctggacagtg 180
actggcagnt tgatnatgan nngtgtgtg ngaaagagcn tgacacatat naaagctact 240
gaagacca 248

<210> 1034
<211> 128
<212> DNA
<213> Mus musculus

<400> 1034
tttgatgagg agagaatgaa gctgtggatg gagtttcagc aaagcctgtt cattcagaag 60
ataaagactg aacaaatggg aaaataatgt agaaataaaa gggaaagtga cagaaatgga 120
aaaaggga 128

<210> 1035
<211> 142
<212> DNA
<213> Mus musculus

<400> 1035
ccctctccac ctgaggccca gtgaagccag ctttctacg ccagtgaga tgaccctgga 60
aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtggatg aaaatatatc 120
ttgttctact agaaaaaaaa aa 142

<210> 1036
<211> 150
<212> DNA
<213> Mus musculus

<400> 1036
gcctagatac catctaccct gagggccagt gaagccagcc ttcctacgcc cagtgagatg 60
accctggaaa cagactgatg ccaacctgga tatatgaact tctggtgtga tgtggatgaa 120
aatatatctt gttcactgag aaaaaaaaaa 150

CITIZENSHIP

<212> DNA

[illegible]

tctaccactg aggccagag aagccagcct tcctacgcc agtgagatga ccctggaaac 60

ttcactgaga aaaaaaaaaa 139

<211> 168

<212> DNA

<213> Mus musculus

tctcatcagc ctcagatcac catctaccac tgaggcccag tgaagccagc cttccgacgc 60

ccagtgaqat gaccctggaa acaaactgat gccaacctgg atatatgaac ttctggtgtg 120

atgtgaatga aaatatatct tgtttactga gtttgctaaa aaaaaaaaaa 168

<211> 143

<212> DNA

<213> Mus musculus

ccactgaggc ccagtgaagc cagccttcct acgcccagtg agatgaccct ggaaacagac 60

tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat atctttgttca 120

ctgagtttgc tataaaaaaa aaa 143

<211> 129

<212> DNA

<213> Mus musculus

$\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (129)$

<223> n = A, T, C or G

gactgaggtg cgcgtgtcgn cgangccgnc ggtcggagcg attctcacgg nggaaggagc 60

acgccaacag ggcctgactg cgtacagaca tgtgccccctc aataaaattg cagttgaaat 120

ggaaaaaaaaa 129

<211> 213

<212> DNA

<213> Mus musculus

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (1) \dots (213)$$

$\langle 223 \rangle$ n = A, T, C or G

aataaatata aggccagagc tttggncatt ntttnccatt nagnentata cntgacgtan 60

tcgttcctcg nngagnntct cctngaagct agtatanggg acngncttgt acantgccan 120

gcagacattg taatccgagc tccagtcaga ttaaggccag nctggcctac attgaaaaac 180

ctcattttan ggaaagtgaa atactttgtc aat 213

$\langle 211 \rangle$ 135

<212> DNA
<213> Mus musculus

<400> 1042
ccactgagggc ccagtgaagc cagccttcct acgcccagtg agatgaccct ggaaacagac 60
tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat atcttggtca 120
ctgagaaaaa aaaaa 135

<210> 1043
<211> 132
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 1043
actgggggca ggagtgcctt gcaaacagaa gacctgcagg aaatgccgag taatgacttg 60
tggtgggtca ccctccctgc tcccgtnttc ttttaaaaca aataaacaga atggaaacgc 120
ccacaaaaaa aa 132

<210> 1044
<211> 141
<212> DNA
<213> Mus musculus

<400> 1044
ccatctacca ctgaggccca gtgaagccag ccttcctacg cccagtgaga tgaccctgga 60
aacagactga tgccaacctg aatatatgaa cttctgggtg gatgtgaatg aaaatatatc 120
ttgttcaactg aaaaaaaaaa a 141

<210> 1045
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 1045
gctcagctga ggggcgtttt tagatcagaa tttcagtgca acgaanggta acattgnnct 60
tgngngnctt tccagacttc aagcnccaac tcaccacna agattttacc gaaaacctta 120
gggccataaa atgtgaatgt tggnccccaa atgattataa gcacaccgca nagaattgcc 180
nattcaggaa nngttctgat tgggaatcca tatacccctg caccocgaat ggtcactcag 240
actcacatag ctgaggctgc tggctgggtt cccagtgatn gaanccgagc tagagaattt 300
atagactctg ntttttcaga aagtaaacga agcaaa 336

<210> 1046
<211> 106
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G

<400> 1046
ggatggagtt tcagcaaagc ctgttcnttc agaagataaa gactgaacaa atgggaaaat 60

aatgtagaaa taanaaggga aagtgcaga aatggaaaaa aaaaaa 106

<210> 1047
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 1047
 gcatgtggat ggagtttcag caaagcctgt tcattcagaa gataaagact gaacaaatgg 60
 gaaaataatg tagaaataaa agggaaagtg acagaaatgg aaaaaa 106

<210> 1048
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 1048
 tttgctgccc aaagaaacac aagccttcct acgcccagng tgatgncctt ggnnacagac 60
 tgatgccttc ctgaatgtat ggancnccg gtgtgatgtg aatgaaaata tntcttgttt 120
 actgaaaa 128

<210> 1049
 <211> 110
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(110)
 <223> n = A,T,C or G

<400> 1049
 catgtggatg gagtttcagc aaagcctntt cattcagaag ataaagactg aacaaatggg 60
 aaaataatgt agaaataaaa gggaaagtga cagaaatgga aaaaaaaaaa 110

<210> 1050
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 1050
 gaggtgtgg atggagtttc agcaaagcct gttcattcag aagataaaga ctgaacaaat 60
 gggaaaataa tgtagaaata aaagggaaag tgacagaaat ggaaaaaaaa aaa 113

<210> 1051
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 1051
 ctggagtttc agcaaagcct gttcattcag aagataaaga ctgaacaaat gggaaaataa 60
 tgtagaaata aaagggaaag tgacagaaat gaaaaataa aa 102

<210> 1052
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 1052
 tgtttggatgc aggcacctct ggtccaaac tgtgttcttc caagtgccct gtctccttcc 60
 agcataccac ctgagatgtc aaagnccacc atggttaaac atttcttgta gtcccttttg 120
 cct 123

<210> 1053
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 1053
 tagttggatg aggcactctg gctccaaact gtgttcttcc aagtgccctg tctccttcca 60
 gcataccacc tgagatgtca aagtccacca tggttaaaca tttcttgtag tcaaaaaaaaa 120
 aaa 123

<210> 1054
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 1054
 acgtcacgta gtggaagcta tgcgaantta tttaaaagaa cgangggatc aaacagngct 60
 cattcttcat gcanaagttg cacagaagtc ttacggaaat ganaaacgat ttttntgccc 120
 tctccttgt gtgtatctta tgggcagtgg ttggaaaaaa aaaaa 165

<210> 1055
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 1055
 tgaaaaagat gccagactn gcaccaggnc acacagcaga cgcactaant ggatgcnnngn 60
 actcngntc naaacngtgn tcttncaagt gccctgtctc cttccagcat accactgaga 120
 tgtcaagtc caccatggtt aaacatttct tgtagtccct tttgccttaa aaaaaaaaa 179

<210> 1056
 <211> 103
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(103)
 <223> n = A,T,C or G

<400> 1056
 gcacatctgg ctccaaactg tgtctcttnc aagtgccctg tctccttcca gcataccact 60
 gagatgtcaa agtccaccat ggttaaacaat ttctttagt cca 103

<210> 1057
 <211> 164
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

 <400> 1057
 tacaggcggc tgttcctgc ctgggatggc tactggganc tgantgaagc actnanacca 60
 ntgagccgcc ctccagcnnn agtgattaac actagctgct cttccggagg accaagatna 120
 tgnttccnag cacacacatg atggcctaca accttccatc aact 164

 <210> 1058
 <211> 124
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

 <400> 1058
 gacgttgccc aggccacaca gtggaggcac tagttggatg caggcncttc tggetccaaa 60
 nngngatctt ccaagngccc ngtgtccttc cagcatacca ctgagangtc aaagtccacc 120
 atgg 124

 <210> 1059
 <211> 163
 <212> DNA
 <213> Mus musculus

 <400> 1059
 aaaactgagc aggaggtggt ggagggaatg gatattctcta ctgctccaa agatcctgtc 60
 tctacagaga aaacggcccc gaaacggaag ttccccagcc ctccacattc ctccaatggc 120
 cattcgcccc aagactcatc cagcagcccc attaaaaaaaa aaa 163

 <210> 1060
 <211> 164
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

 <400> 1060
 ccgtgggggg ccgggggagc agggagccga cacaggccac tgtctgcaga atggcagatt 60
 atntggacat tgaacattgc aaaaccgat nagegtntct ggctttttat gccggcnnca 120
 tcaataaaat actgctcatg cagtgtacc tctaaaaaaaa aaaa 164

 <210> 1061
 <211> 111
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(111)

<223> n = A,T,C or G

<400> 1061
gtggcgtgca aactgtgttc ttccaagtgc cctgtctcct tccagcatat cactgagatg 60
tcaaagtcca ccatgagtta aacatttctt gnngtccctt tgcctcaaaa a 111

<210> 1062

<211> 164

<212> DNA

<213> Mus musculus

<400> 1062
actcacctag ggaagctatg ccgaaattat ttaaaagaac gaggggatca aacagtgtc 60
attcttcatg caaaagttgc acagaagtct tacggaaatg aaaaacgatt tttttgcct 120
cctccttggtg tgtatcttat gggcagtggg tggaaaaaaa aaaa 164

<210> 1063

<211> 115

<212> DNA

<213> Mus musculus

<400> 1063
aaggcagctg tgggtccaaa cgtgtgttct tccaagtgcc ctgtctcctt ccagcatacc 60
actgagatgt caaagtcaac catgggttaa catttcttgt agtcaaaaaa aaaaa 115

<210> 1064

<211> 117

<212> DNA

<213> Mus musculus

<400> 1064
tgaaggacgt gtggcgtcca aacctgtgtt cttccaagtg ccctgtctcc ttccagcata 60
ccactgagat gtcaaagtcc accatgggta aacatttctt gtagtcaaaa aaaaaa 117

<210> 1065

<211> 113

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(113)

<223> n = A,T,C or G

<400> 1065
tggcgtccaa acgtgngttc ttccaagtgc cctgnctcct tccagcatat cactgagatg 60
tcaaagtcca ccatgggttaa acatttcttt tagtcccttt tgcctcaaaa aaa 113

<210> 1066

<211> 105

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(105)

<223> n = A,T,C or G

<400> 1066
ttgctgtctc agttgatgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg 60
tgctttnggg accataagcc aaataaaccc ttccttccat aaaaa 105

<210> 1067

<211> 117
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

 <400> 1067
 ggtcagacag tgaagctgng gatggagttt cagctccgc ctgttcattc agaagataaa 60
 gactgaacaa atgggaaaat aatgtagaaa taaaaggga agtgacagaa aaaaaaa 117

 <210> 1068
 <211> 108
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(108)
 <223> n = A,T,C or G

 <400> 1068
 tgtggatgga gtttcagcaa agcctgttca ttcagaagat aaagactgaa caaatgggan 60
 aataatgtag aaataaaagg gaangtgaca gaaatggaaa aaaaaaaa 108

 <210> 1069
 <211> 136
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(136)
 <223> n = A,T,C or G

 <400> 1069
 gtggagaggc tctgaagagn agacantgaa gctgtggatg gagtttcagc aaagcctgtt 60
 cattcagaag ataaagactg aacaaatggg aaaataatgt agaaataaaa gggaaagtga 120
 cagaaatgaa aaaaaa 136

 <210> 1070
 <211> 111
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

 <400> 1070
 tgcctgtgga tggagtttca gcacancctg ttcattcaga agataaagac tgaacanntg 60
 ggaaaataat gtanaaataa aagggaagt gacagaaatg gaaaaaaaaa c 111

 <210> 1071
 <211> 111
 <212> DNA
 <213> Mus musculus

 <400> 1071
 tgaggcgtgt ggttggagtt tctgcaaagc ctgttcattc agaagataaa gactgaacaa 60

atgggaaaaat aatgtagaaa taaaaggga agtgacagaa atggaaaaa a 111

<210> 1072
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 1072
aagatgagac aatgaagcnt gtggatggag tttcagcana gcctgttcat tcagaagata 60
aagactganc aaatgggaaa ataatgtata antaaaaggg aaagtgcagc aaatggagaa 120

<210> 1073
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 1073
aactggggcc tgtggntgga gtttcagcaa agcctgttca ttcagaagat aaagactgan 60
caaattgggaa aataatgtag aaataaaagg gaaagtgcac ga 102

<210> 1074
<211> 155
<212> DNA
<213> Mus musculus

<400> 1074
ttgctgagtg gagaggtttt gaagaggaga gaatgaagct gtggatggag tttcagcaaa 60
gcctgttcat tcagaagata aagactgaac aaatgggaaa ataatgtaga aataaaaggg 120
aaagtgcagc aaatggagaa agggaaaaaa aaaaa 155

<210> 1075
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 1075
attagaagtt taggtcaaca aaaggtaaca tttcaccttg ttgcctttcc agtttcaagc 60
accaactcac caacaaagat tttaccgaaa accttagggc caataaatgt gaatgttggc 120
ccccaaatga ttataagcac acccgagagc aattgccaat tcagganggg ttctgattgg 180
gaatccatat acccctgcac nngcaanggt cactcanact cacatagctg aggcctnggtg 240
gctgggttcc cagtag 256

<210> 1076
<211> 107
<212> DNA
<213> Mus musculus

<400> 1076

ctgctccagt cgctgtgctt gcctgctgtg gtgcctccct accaggacag actcttgtgc 60
 ttttgaacc ataagccaaa taaacccttc cttccataaa aaaaaaa 107

<210> 1077
 <211> 101
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 1077
 ttgctgctcc agtccatgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg 60
 tgctttngga accataagcc aaataaacc ctccttccat a 101

<210> 1078
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 1078
 ctgctccagt cgcattgtgc ttgcctgctg tggtgcctcc ctaccagAAC agactcttgt 60
 gctttgggaa ccataagcca aataaaccct tccttccata aaaaaaaaa 109

<210> 1079
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 1079
 ctcaatgaga gatggctaag cagttaagtg tgcataccaa taccngngga agaaccata 60
 tcggacagct tcacaattgc ctgtaattctg agntccagng ggctctgaca cctnnttttn 120
 tctganngac aatggtactc acataatacc tacatt 156

<210> 1080
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 1080
 ttgctgctcc agtcgctgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg 60
 tgcttttggga accataagcc aaataaacc ctccttccat aaaaaaaaa 110

<210> 1081
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 1081
 ttgctgctcc agtcagctgt gcttgctgc tggtgtgcct ccctaccagg acagactont 60
 gtgcttttgg aaccataagc caaataaacc cttccttcca taaaaaaaa a 111

<210> 1082
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 1082
tgctgctcca gtcgctgtgc ttgcctgctg tgggtgcctcc ctaccaggac agactcttgg 60
gcntttggaa ccataagcca aataaaccct tccttccata aaaaaaaaaa 109

<210> 1083
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1083
ttgctgctcc agtcctttgt gcttgcctgc tgtggtgcct ccctaccagg acagactctt 60
gggcttttgg aaccataagc caaataaacc cttccttcca taagaaaaaa aa 112

<210> 1084
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 1084
gcttgctgct ccagtcggtg ngctngcctg ctgtggtgcc tccctaccag gacagactct 60
tgggcttttg gaaccataag ccaaataaac cttccttcc ata 103

<210> 1085
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1085
gcttgctgct ccagtcnctg tgcttgctg ctgtggtgcc tccctaccag gacagactct 60
tgngcttttg gaaccataag ccaaataaac cttccttcc ataaaaaaaa aa 112

<210> 1086
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(103)
 <223> n = A,T,C or G

<400> 1086
 tgctgctcca gtcgctgtgc ttgcctgctg tgntgcctcc ctaccaggac agactcttgt 60
 gcttttggaa ccataagcca aataaaccct tccttccata aaa 103

<210> 1087
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 1087
 tgctgctcca gtcgctgtgc ttgcctgctg tggcgcctcc ctaccaggac agactcttgt 60
 gcttttggaa ccataagcca aataaaccct tccttccata aaaaaaaaaa 109

<210> 1088
 <211> 101
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 1088
 catgtgggcc cctgttctgg cagatggaaa tcancctcac ctncctggggg acaggctgcc 60
 catctogttg ataaattgac tatgccaata aattaacatg g 101

<210> 1089
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 1089
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc 120
 ccagccctcc acattcctcc aatggccatt cgccccgaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 1090
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 1090
 tgtcctcaac ttgctgagtg gagaggtttt gaagangaga gaatgaggct gtggatggag 60
 tttcancaaaa nctgttcat tcagaagata aagactgaac aaatgggaaa ataattgata 120
 aataaaaaggg aaagtgcacat gaaatg 146

<210> 1091
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(143)
 <223> n = A,T,C or G

<400> 1091
 cggcttgacc aggccaccct nnccgnaggc cctactggga tgcnggcant ctggctccga 60
 actgtgtgtc ttccaagtgc cctgtctcct tccagcatac cactganatg tcaaagncca 120
 ccatggtcta aacatttctt gta 143

<210> 1092
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 1092
 agaatggcag attatttggga cattgaacat tggaaaacgg agagctttct ggctttttat 60
 gcggcttcac caataaaata ctgctcagcg tgctacctct aaaaaaaaaa a 111

<210> 1093
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 1093
 atgatgacac tgccctgcan tctgcccctg ccgagagtct gacctgtctt cctgagagat 60
 tcctgataaa ctgccagcct ggcagcctgg aatgactcca ggcaccaaga gtggaactgg 120
 cgacttactg ctaacggctc tggcggacta gtgctaacan tgtggcaaca aaacatcaag 180
 aagcctggnn atggcaaggg gatggggctt ccccccttt tataangcac agactggcta 240
 gtaaacattt gagccctttg aaaaaaaaaa aa 272

<210> 1094
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 1094
 gactgagggga tttatcaaag atgtcccgga gnntccctca cagttgtttt tgaaaataat 60
 tggcaaccag aacgccaggt tccgtttaat gaagtgcgat taccaccacc acctgatata 120
 aaaaaaaaaa 128

<210> 1095
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 1095
 gactgaggtg tgagctctct gcttgctgct ccagtcgctg tgcttgccctg ctgtggtgcc 60
 tccctaccag gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc 120
 ataaaaaaaa aa 132

<210> 1096
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 1096
 aggccagcct ggcctcattg agaaacctca ttttgggaaa gtgaaatact ttgtcaatta 60
 acatgcagtt ggttcaataa agacttttgg aaagtgtcga aaaaaaaaaa 110

<210> 1097
 <211> 110
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(110)
 <223> n = A,T,C or G

<400> 1097
 actccagcgc ttcctacgcc cantgagatg accctggaaa cagactgntg ccaacctgaa 60
 tataatgaact tctggtgtga tgtgaatgaa aatatactt gtgcactgaa 110

<210> 1098
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 1098
 tgagataaat caaagncaaa ttaaaggaga aagncaaaga gagagagaaa aagangcata 60
 ncggtaatga gtgagatcaa gaaagaaaat ggagatgtaa agattttact gaaaagtggg 120
 aaggagaaac caaaancaaa tatagaagac ttacaaatta aaaaagtaaa aa 172

<210> 1099
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 1099
 actgaagggtg tgagctctct gcttgcctgct ccagtcgctg tgcttgctg ctgtgggtgcc 60
 tccctaccag gacagactct tgnctttttg gaaccataag ccaaataaac ccttccttcc 120
 ataaaaaaaa aa 132

<210> 1100
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 1100
 aggaataaaa actgagcagg aggtgggtgga gggaatggat atctctactc gctocaaaga 60
 tcctgnctct acagagaaaa cggcccccga acggaagtgc cccagccctc cacatttctc 120
 caatggnat tcgcccgaag actcatccac gagccccatt aaaaaaaaaa 170

<210> 1101
 <211> 308
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 1101							
ggcgtgcatc	accaacaaac	antggaanna	ttttggan	gctgacccac	tcaggaccta		60
aacatggcct	taggnnggtg	cncgtgccac	ccacgtccgn	atacccccac	agccctgnag		120
caaagggtgga	ggacatcagc	cgcacagact	gnctatatcc	acgtgggtct	caggcttaat		180
tgcagcccag	ggcagcagca	tggaccacag	ataccaacgt	ggcatcacag	accacatgg		240
aggagggcct	cctctctggc	ctctgtcggt	gactagagcc	aggggaagcc	tgtgtaaact		300
ccaggctg							308

<210> 1102
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 1102							
gagtactgag	gtgtgagctc	tctgtttgct	gctccagtcg	ctgtgcttgc	ctgctgtggg		60
gcctccctac	caggacagac	tcttgtgctt	ttggaaccat	aagccaaata	aacccttcct		120
tccataaaaa	aaaaa						135

<210> 1103
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 1103							
tggagcttgg	cttgaagaag	gaaataaaaac	ctggagcagg	aggtggtgga	gggaatggat		60
atctctactc	gctccaaaga	tcctgtctct	acagagaaaa	cggcccccga	acggaagttc		120
cccagccctc	cacattcctc	caatggccat	tgcgcccaag	actcatccac	gagccccatt		180
aaaaaaaaaa							190

<210> 1104
 <211> 209
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(209)
 <223> n = A,T,C or G

<400> 1104							
aactgagtgt	caggattgaa	tctggactct	gctgggtgtg	agcagttctg	tcatgtctcc		60
agcagagggc	gcattctgca	ttcttcagaa	cctcaagang	ctcaagtgtg	gcagaccntg		120
agaaactggg	ctaccctttg	aagaggagag	atgcagtctt	ttcagttcaa	tttaatttaaa		180
gggtctat	ttt	aaaaagccaa	aaaaaaaaa				209

<210> 1105
 <211> 187
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(187)

<223> n = A,T,C or G

<400> 1105
actgagcttg gctgaagagg aaataaaaact gagcaggagg tggnggaggg aatggatatc 60
tctactcgct ccaaagatcc tgtctctaca gagaaaacgg ccccgaaacg gaagttcccc 120
agccctccac attcctccaa tggccattcg ccccaggact catccacgag ccccatataa 180
aaaaaaa 187

<210> 1106
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 1106
gactgagatc ctgtctctac agagtaaacg gccccgaacg gaagttcccc agccctncac 60
attcctccaa tggccattcg cccaagact catccacgag ccccatataa aaaaaa 117

<210> 1107
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 1107
gacaactgcc ctgagctctc gcccctgccg agagtctgan cctgtcttcc tgagagatnn 60
ctgaatanac tgccancctg gcagcctgga atgactccan gcnccaagag tggaaaaaaa 120

<210> 1108
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 1108
actgccctga gtttctgcca cctgccgaga gtctgaacct gtcttcctga gagattcctg 60
aataaactgc cagcctggca gcctggantg actccaggca ccaagagtgg aaaaataaaa 120
a 121

<210> 1109
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 1109
gactggactg gcagcctgnc tgcctgatat gacnncaggc accaagagtg gaactgacan 60

<211> 226
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 1114
 gactgagtga caactgccct gagcattctg cccctgccga gtagcctgaa cctgtcttcc 60
 tgagagattc ctgaataaac ngccagcctg gcagcctgga atgactccag gcaccaagag 120
 tggaactggc gacttactgc taacggctct ggcggactag tgctaacaat gtggcaacaa 180
 aacatnaaga agcctggcat ggcaggggat gggcttcccc ctttat 226

<210> 1115
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 1115
 gactgagtga caactgccct gagatctgcc acctgccgag agcctgaacc tgtcttctctg 60
 agagattcct gaataaactg ccagcctggc agcctggaat gactccaggc accaagagtg 120
 aaa 123

<210> 1116
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 1116
 caaaattgaa gaagcanaga caaaggagag agagaaaaag aagcataaag taatgagtga 60
 gatcaagaaa gaaaatggag atgtaaagat tttactgaaa agtgggaagg agaaaccaa 120
 aacaaatata gaagacttac aaattaaaaa agt 153

<210> 1117
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 1117
 caaaggagag agagannaag aagcatcacg taatgagtga gatcaagaaa gaaaatggng 60
 atgtaaagat tttactgaaa agtgggaagg agaaaccaa aacaaatata gaagacttac 120
 aaattaaaaa agtaaaaa 138

<210> 1118
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)

<223> n = A,T,C or G

<400> 1118
ctaaaatcaa tgcacaaaat taatgcanaa agacaataga gagaagagaa aaagtangct 60
tnnnagtnct gagtgagatc aagaaagana atggagatgt aaagatttta ctgaaaagtg 120
ggaaggagaa accaaaatca attatagaag acttacctaa ttaaaaaagt 170

<210> 1119

<211> 164

<212> DNA

<213> Mus musculus

<400> 1119
agcctcgtgt caccttaaaa agaaagacaa agagagagag aaaaagaagc ataaagtaat 60
gagtgagatc aagaaagaaa atggagatgt aaagatttta ctgaaagggtg ggaaggagaa 120
acaaaaaaca aatatagaag acttacaat taaaaaagta aaaa 164

<210> 1120

<211> 180

<212> DNA

<213> Mus musculus

<400> 1120
actgagaaaa atcaaagaca aaattaaaga gaaagacaaa gagagagaga aaaagaagca 60
taaagtaatg agtgagatca agaaagaaaa tggagatgta aagattttac tgaaaagtg 120
gaaggagaaa ccaaaaacaa atatagaaga cttacaaatt aaaaaagtaa agaaaaaaaa 180

<210> 1121

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 1121
cacaaactta aagagaaagc acaaagagag aagagaaaaa gaagcctang agtantgagt 60
gagatcaaga aagaaaatgg agatgtaaag attttactga aaagtgggaa ggagaaacca 120
aaaacaaata tagangactt acaaattaaa aaagtataaaa 160

<210> 1122

<211> 187

<212> DNA

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<220>

<221> misc_feature

<222> (1)...(187)

<223> n = A,T,C or G

<400> 1122
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gaagcataca gtaaatgagt gagatcaaga aaganaangg agatgtaaag attttactga 120
aaagtgggaa ggagaaacca aaaacaaata tagaagactt acaaattaaa aaagtaaaga 180
aaaaaaa 187

<210> 1123

<211> 182

<212> DNA

<213> Mus musculus


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agaaaaaa 188

<210> 1129
<211> 181
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(181)
<223> n = A,T,C or G

<400> 1129
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taaagtaatg agtgagatca agaaagaaaa tggagatgta aagattttac tgaaaagtgg 120
gaaggagaaa ccaaaaacaa atatagaaga cttacaaatt aaaaaagtaa agaagaaaaa 180
a 181

<210> 1130
<211> 183
<212> DNA
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<223> n = A,T,C or G

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gcatanagta atgagtgaga tcaagaaaaga aaatggagat gtaaagattt tactgaaaag 120
tggaaggag aaaccaaaaa caaatataga agacttacaa attaaaaaag taaagaaaaa 180
aaa 183

<210> 1131
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<212> DNA
<213> Mus musculus

<400> 1131
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agtgagatca agaaagaaaa tggagatgta cagattttac tgaaaagtgg gaaggagaaa 120
ccaaaaacaa atatagaaga cttacaaatt aaaaaagtaa agaaaaaaaa 170

<210> 1132
<211> 143
<212> DNA
<213> Mus musculus

<400> 1132
gaaagacaaa gagagagaga aaaagaagca taaagtaatg agtgagatca agaaagaaaa 60
tggagatgta aagattttac tgaaaagtgg gaaggagaaa ccaaaaacaa atatagaaga 120
cttacaaatt aaaaaagtaa aaa 143

<210> 1133
<211> 167
<212> DNA
<213> Mus musculus

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gaggagaaac caaaaacaaa tatagaagac ttacaaatta aaaaaaa 167

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<210> 1134
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 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
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 <223> n = A,T,C or G

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 agtgagatca agaaagaaaa tggagatgta aagatnttac tgaaaagtgg gaaggagaaa 120
 ccaaaaacaa atatagaaga cttacaaatt aaaaaag 157

 <210> 1135
 <211> 176
 <212> DNA
 <213> Mus musculus

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 <223> n = A,T,C or G

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 tgggaaggag aaaccacaaaa caaatataga agacttacaa attaaaaaag taaaaa 176

 <210> 1136
 <211> 167
 <212> DNA
 <213> Mus musculus

 <400> 1136
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 aatgagtgag atcaagaaaag aaaatggaga tgtaaagatt ttactgaaaa gtgggaagga 120
 gaaaccacaaa acaaatatag aagacttaca aattaaaaaa gtaaaaa 167

 <210> 1137
 <211> 183
 <212> DNA
 <213> Mus musculus

 <400> 1137
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 gcataaagta atgagtgaga tcaagaaaga aaatggagat gtaaagattt tactgaaaag 120
 tgggaaggag aaaccacaaaa caaatataga agacttacaa attaaaaaag tataaaaaaa 180
 aaa 183

 <210> 1138
 <211> 183
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

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cataaagtaa tgagtgagat caagaaagaa aatggagatg taaagatttt actgaaaagt 120
 gggaaggaga aacccaaaac aaatatagna gncttacaaa ttaaaaaagt aaagaagaaa 180
 aaa 183

<210> 1139
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 <212> DNA
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 aacccaaaac aaatatagaa gacttacaaa ttaaaaaagt aaaaa 165

<210> 1140
 <211> 185
 <212> DNA
 <213> Mus musculus

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 gtgggaagga gaaacccaaa acaaatatag aagacttaca aattaaaaaa gtaaagaaga 180
 aaaaa 185

<210> 1141
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 <212> DNA
 <213> Mus musculus

<220>
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 <223> n = A,T,C or G

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 gaagcaccat gaaactcttg tttgattaaa aaaaaaaa 157

<210> 1144
 <211> 189
 <212> DNA
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 ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 1145
 <211> 201
 <212> DNA
 <213> Mus musculus

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 gagatgtaaa gattttactg aaaagtggga aggagaaacc aaaaacaaat atagaagact 180
 tacaaattaa aaaagtaaaa a 201

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 aatggagatg taaagatttt actgagaagt ggggaaggaga aacccaaaaac aaatatagaa 180
 gacttacaaa ttaaaaagta aagaagaaaa aa 212

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 <211> 319
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 atggagatgt aaagatttta ctgaaaagta agttatatattg agtgaatgtt ttctacattg 180
 catactatcc tgtatattta ttagccaagc tgttaaaata agaagtgtta cttgatacca 240

atatttgcta agagtaatta tgctgtgagt gcagagcaag tccaggggtt gggaattgta 300
atctgcgtgg gactgtgct 319

<210> 1148
<211> 168
<212> DNA
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<223> n = A,T,C or G

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agaaaccaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

<210> 1149
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

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aaacaaatat agaagactta caaatt 146

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ggagaaacca aaaacaaata tagaagactt acaaatta 158

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<212> DNA
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<223> n = A,T,C or G

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ttacaaatta aaaaagtaaa ga 142

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 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
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 <223> n = A,T,C or G

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atggagatgt aaagatttta ctgaaaagtg ggaaggagaa accannntca aatatagaag	120
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 <212> DNA
 <213> Mus musculus

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 <223> n = A,T,C or G

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gagaaaccaa aaacaaatat naggagactt acaaatttaa aaaagta	167

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 <211> 167
 <212> DNA
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aaaccaaaaa caaatataga agacttacaa attaaaaaag taaagaa	167

<210> 1155
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 <212> DNA
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 <212> DNA
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<212> DNA

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<210> 1158

<211> 168

<212> DNA

<213> Mus musculus

<400> 1158

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agaaaccaa	aacaaatata	gaagacttac	aaattaaaaa	agtaaaaa		168

<210> 1159

<211> 167

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 1159

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gtaatgagt	agatcangaa	agaaaangga	gatgtaaaga	ttttactgaa	aagtgggaag	120
gagaaaccaa	aaacaaatat	agaagactta	caaattaaaa	aagtaaa		167

<210> 1160

<211> 168

<212> DNA

<213> Mus musculus

<400> 1160

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taatgagtga	gatcaagaaa	gaaaatgggg	atgtaaagat	tttactgaaa	agtgggaagg	120
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<212> DNA

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agattttact	gaaaagtggg	aaggagaaac	caaanacaaa	tatagaagac	ttacaaatta	180
aaaaagtaaa	aa					192

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<211> 175

<212> DNA

<213> Mus musculus

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<210> 1163

<211> 154

<212> DNA

<213> Mus musculus

<220>

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agacanagag	agagagaaaa	tgaagcataa	agtnatgagt	gagatcaaga	aagaaaatgg	120
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<210> 1164

<211> 154

<212> DNA

<213> Mus musculus

<400> 1164

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aaatggagat	gtaaagattt	tactgaaaag	tggggaggag	aaacccaaaa	caaatataga	120
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<210> 1165

<211> 201

<212> DNA

<213> Mus musculus

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agatgtaaag	attttacttg	aaaagtggga	aggagaaacc	aaaaacaaat	atagaagact	180
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<210> 1166

<211> 175

<212> DNA

General Information	
Author(s)	John Doe, Jane Smith
Title	Analysis of the Impact of Climate Change on Global Agriculture
Journal	Environmental Science and Technology
Volume	45
Issue	12
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Keywords	Climate Change, Agriculture, Global Warming, Food Security
Abstract	This study examines the projected impacts of climate change on global agricultural production. Using a combination of climate models and agricultural data, we analyze the potential for crop yield reductions and shifts in growing seasons. The results indicate a significant risk to food security, particularly in arid and semi-arid regions, and suggest the need for adaptive agricultural practices and international cooperation to mitigate these risks.
Introduction	
The world's population is projected to reach 9 billion by 2050, with a corresponding increase in demand for food. Simultaneously, climate change is accelerating, leading to more frequent and severe weather events, rising temperatures, and changing precipitation patterns. These factors pose a significant threat to global agricultural production, which is the primary source of food for the world's population. Understanding the potential impacts of climate change on agriculture is crucial for developing effective strategies to ensure food security in the future.	
Methodology	
This study employs a multi-model approach to assess the impact of climate change on agriculture. We utilize a combination of climate models (CMIP5) and agricultural models (APSIM) to simulate the effects of different climate scenarios on crop yields. The data is analyzed using statistical methods to identify trends and correlations between climate variables and agricultural output.	
Results and Discussion	
The results of our analysis show a clear trend of declining crop yields across most major agricultural regions. This decline is most pronounced in arid and semi-arid regions, where water scarcity and increased temperatures are expected to have the most significant impact. Additionally, the growing season for many crops is projected to shift, leading to potential mismatches between planting times and optimal conditions. These findings underscore the urgent need for adaptive agricultural practices and international cooperation to address the challenges posed by climate change.	
Conclusion	
In conclusion, the impact of climate change on global agriculture is a complex and multifaceted issue. Our study highlights the significant risks to food security posed by projected climate scenarios. To ensure a sustainable and secure food supply for the future, it is essential to implement adaptive agricultural practices, invest in climate-resilient infrastructure, and foster international cooperation to address the challenges posed by climate change.	

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agacttacaa	attacqaac						199

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taaaa						185

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 <211> 170
 <212> DNA
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 <222> (1)...(170)
 <223> n = A,T,C or G

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 ggagaaacca aaaacaaata tagaagactt acaaattaaa aaagtaaaaa 170

<210> 1172
 <211> 168
 <212> DNA
 <213> Mus musculus

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 agaaaccaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

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 <211> 177
 <212> DNA
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<220>
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 ggagatgtaa agattttact gaaaagtggg aaggagaaac caaaaacaaa tatagaa 177

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 <212> DNA
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 agaaaccaa aacaaatata gaagacttac aaattgaaaa agtaaaaaa 169

<210> 1175
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 <212> DNA
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tggagatgta aagattttgc tgaaaagtgg gagggagaaa ccaaaaacaa atatagaaga	180
cttacaaatt aaaaaagtaa aaa	203

<210> 1176
 <211> 172
 <212> DNA
 <213> Mus musculus

<400> 1176	
ttcccctgtg ccaccactct gggcctttta atgccaagaa agaattcagc cgcagaagac	60
cttgggagatg gtggcggacg tgcagaatga tgcctggacc ttgccttaac catggacccc	120
gcccacccaa acccttcctg agcactaaag ttcgtggact gaaaaaaaaa aa	172

<210> 1177
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 1177	
gtctcagaag tcagaagagg tcagtcagct cccctgggtg agctggagct acaagcaact	60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aag	103

<210> 1178
 <211> 189
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 1178	
tgagactgag cttggctgan gagaataaaa ctgagcagga ggtggtggag ggaatggata	60
tcttactctg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc	120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta	180
aaaaaaaaa	189

<210> 1179
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 1179	
gagaataaaa actgagcagg aggtggtgga gggaatggat atctctactc gctccaaaga	60
tctgtctctt acagagaana cggccccgaa acggaagtcc cccagccctc cacattcctc	120
caatggccat tcgccccaaag actcatccac gagccccatt aaaaaaaaaa	170

<210> 1180
 <211> 187
 <212> DNA
 <213> Mus musculus

<400> 1180	
agactgagct tggctgagag aataaaaact gagcaggagg tgggtggagg aatggatatc	60
tctactcgct ccaaagatcc tgtctctaca gagaaaaacg ccccgaaacg gaagttcccc	120
agccctccac attcctccaa tggccattcg ccccaagact catccacgag ccccatataa	180
aaaaaaa	187

<210> 1181
 <211> 157
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 1181
 gcacaccgca cagaattgcc aattcaggaa gtgttctgat tgggaatcca tatacccctg 60
 caccgcant ggctactcac actcacatag ctgangctgc tggcctgggt tcccagtgat 120
 ggaaaacgag ctagagaatt tatagactct ggttttt 157

<210> 1182
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 1182
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tcttactcgt ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 1183
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 1183
 gaacacacaa tacagcattc caagaaaacc ncntgctgtg aaggagcaag ataccacacg 60
 gactctngnn ttggacttgn agntttttca cagggctctca naancctcac acaggcttcn 120
 cggaccatgt ncnnncaatg ggaacaccnn acctcggaat ctgagcacag agcagcatgg 180
 cgggaaacta ttgactaca gctttctgta tcaggagaaa anggaganga gttctccttg 240
 cttgcacaaa gtgga 255

<210> 1184
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 1184
 catatacccc tgcacccgca atggctactc atactcacat anntgaggct gntgnctggg 60
 tctcccagng atanaaaacg agctagagaa tttatagact ctgatttttc a 111

<210> 1185
 <211> 251
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(251)
 <223> n = A,T,C or G

<400> 1185
 gactgagtga gaaagganag tgcaaagctg tgtccatttt cctccattct gtgatgttcc 60
 ctggaatcac tgcttcagta aacttaactg tgagtagata tacgctgagt catcaaagtc 120
 cccaaactga atccccaaac ttaagcatgg ccttggggac ctccaacccc cccactgcaa 180
 tgagaaatgt actttgtggg acaggatgag ggaagaatac atgacaatca aattcctttt 240
 aaaaaaaaaa a 251

<210> 1186
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 1186
 ttagtacacg ggtccacaat acccttttcc tattaaacct tctttaccgc ctacttntgg 60
 ttggaggntt agaagggagg ttgaagnaga caacaaancc tcaataacgt ggtctnagtg 120
 naaaganaag acaaaanttg gcaagctcat cattacattg ggtaagaaac acaagagaag 180
 gaacgagtc tccgatgagc tgccgatgcc gagca 215

<210> 1187
 <211> 254
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 1187
 gactgagctc caggaggaga ctggtaaaca gcgtgagaat gatcgggact ggggacactg 60
 cagatgtttt ctgttccgng tcttgttttg ctgaaagcgg nttacacagn cactctctcc 120
 tagtcttttc ccaggcagac agaacacagg ggactggcca tgttcctccc cccaccccca 180
 cccgccatgc atccttcagt ttgactctgn catctattgc ttgaatgatt aaagcgaaat 240
 cagataaaaa aaaa 254

<210> 1188
 <211> 519
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 1188
 aagtactgag gccctaccac ttgggtctggc cctgctccag cttgacaata gcaagaaagc 60
 ttccggcagga agatgaggga gaagcgtcat ctcagaaggc ccctgaaggc ctcacaggaa 120
 catgactcag gccgtgactg cacgccagca cttcgggagg cccacagctt gctgactcag 180
 gctctctcca cccaggctct aattttccagg gcctcgagga agagttcccg agggagacaa 240
 tgctcctcac aggaagtngg acaagcaagg aagcagagcc ttgcgccctc cagctgactg 300
 agaaggctga gcatggcttg gcctgcgttc ccattagcaa acaaggacac aggggcttcc 360
 ctgaaacaca tcatcatccc agagcagaga caaaggactg ccccgatag agaggagacc 420
 ttctaggtcc atagacaaat ggctgtttat aaaggtaaaa ggggaaaccc tgtgttagga 480

tgagggtgttn aattttaatt ggacatgtta cttaggtac

519

<210> 1189
<211> 288
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 1189							
gactgagcgc	tgcaagtagc	cctgtgtttt	catctgggta	tggccactcc	tgtgagactg		60
agctccatgg	cccaggaccc	ctaaacacag	gcttgtcttc	ctcgagata	gacagccatc		120
ttggacttcc	caaaccgctg	catactttcc	ctccggagaa	gccagggctc	ttgtgggtgg		180
tgtcccccnn	tcccaaaca	cccctttaat	aactgtttac	aacttttaaa	aatcagcttt		240
gagataatga	gatacacttt	aagtaaaaaat	acacttcaac	catctaaa			288

<210> 1190
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 1190							
gaactgagggc	tgagagagng	gntcaacggt	taagggtgcc	anctgntctt	ntgaagggttc		60
tgagttcang	tcccagnenc	cacatgatcg	ggtcacaaca	at			102

<210> 1191
<211> 200
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G

<400> 1191							
ttactttttg	tggaactctc	aaagggtcgga	caggagacat	ggagtggntc	catatatcta		60
ntgcctcgac	ntngatncaa	ttngagctcg	ctgccctgca	gancgnggtt	cctattctga		120
antnccatt	gtgtnacaaa	ttntaaggan	cttgtngacc	tgcaggcntt	gcaagctaca		180
ggagggctcg	acggtttgag						200

<210> 1192
<211> 539
<212> DNA
<213> Mus musculus

<400> 1192							
actgaggtgt	gagactacgc	tgcacaaaaga	ccccagctct	ggaagcggaa	gacttcctga		60
agtcttcaca	aagacagcac	ttctcaaaga	aaggaatgga	acagctttgc	tccctggctt		120
cctggctggg	acctgcatca	ggactgatac	cggttgagga	tagtggttac	cagtcacgg		180
tgttgccctta	caagtcctac	ggcaactgtt	actgtctttg	tgtttctgtc	accccagggt		240
tgtcgtgata	ctgcacacag	aagctccatc	aaaccctgaa	aacctgactg	actgactcca		300
ggctgacttt	acaaggggtga	gcagctgtat	aaggtgatgc	tggccgcctt	gtcagctcct		360
ggagttacag	tagacttttt	tctttcaggc	caggctgatc	ttgacctaca	aggccttctg		420
cttcaacctc	tgaagtgtgt	ggaattatag	gtgtgtgcc	ccacaccag	cctgtatttg		480

ggtttgaacc cccatgatca cccatcatct cagtctacct agaatgccag cgtctccca 539

<210> 1193
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 1193
gcacttggca ctactcttta accagcactg gggatcttac tggctcctggg gcccccgacc 60
tccnntnttg gccgggtgga cacaggcgct ctaacaccgg atggngaggc tccacttgag 120
gac 123

<210> 1194
<211> 364
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 1194
tgaggctgaa ctcacaggaa tcaaattggct gtaggtacaa ttttggaggg cacgggggact 60
gtggacccat aatttcagcc ccagcccaag atgatccaat cctgttaagt ttcattccgct 120
gtctgcaagc caacctgctg tgtgtatggc gtcgtgatgt caagccagat tgcaaagagc 180
tctggatatt ctgggtggga gatnaccna cctnanggga nnaannnntt atnaactngn 240
nggnaaggat ttttantttt tttaaaanan attnatatnn nnttntgctg ccgccaccta 300
atgtnnnntg cttgcctgcn ttcctttcat gtgagatgac cacagctggc ctccagcctc 360
cata 364

<210> 1195
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 1195
tacaccgga acagatctgn ggcnnngcatc aggcgcgcga tgtactccat gcanncctcc 60
tcttccatac agtatctgga tgtatggctt gaagagttag cctgaactgg cacatncggc 120
aaanaacagc acctgntacc tccagattcc aggcgcttcc cacaccaccc aagcgaggaa 180
gcctttnaag gggaggattc tgagcctcag agagtcatcg cacacgcaca cgcacacgca 240
cacacacaaa atcccgtaac caggaacaag gagatctgga gaaggccacc ctccggatca 300
tttgggttgc gactgtcaag atatctgaga ttggggggga gggat 346

<210> 1196
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 1196
 tgaggcgttt ctttgcaaat aacagcttgg aggcgacact cgcgaggagaa acgaggcttg 60
 cacggagtag ccagctcgcc ngcccnccc ccagggactc tgggtgctgaa gaccctcgcc 120
 ctccgcccgg tttcggaatt actggtttta aaatcgaaat ca 162

<210> 1197
 <211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 1197
 gactgaggct ccttggtatt aacttctgca agnctgtatc accagcctct gttagaaagt 60
 cctcctgcgt ccaagaaaaa tgatttttct aaagatgctg tagttcggca gttacctttg 120
 aataaaacag aagagaacaa cgcacaaaaa gcanntgacn tctttatttc tcaanacacc 180
 atgggnacag anagatgctc tgacaacctg ttntaaagca aaaagctcag agcatgcctg 240
 tgtttaaggc ggcgaaaagaa catntttttg aacnacncga gnacggagaa aantactgtg 300
 gctnaggaga ctgannctcc nccantaagn atcggancag ntacagctgt ggggttgcgac 360
 nactgccgct gccatcgcan cagcagctcc tttgatcaag gtacagagcg att 413

<210> 1198
 <211> 151
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(151)
 <223> n = A,T,C or G

<400> 1198
 aactcgtctc gtagactagg ctggcctgga actcagagag gaccganaca ggctgactcc 60
 atgacaggct tcaaactggt agttgtggag actagacctc aattttctagg cctggggcaag 120
 actgttcaag tcggttacta aataaaaaaa a 151

<210> 1199
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 1199
 gaggtctggc gctttgacaa cttatcagat tctttattag tggtaaaact gaaccggaac 60
 cgaattagca tgattccacc caaggtcttc aagctgcctc atctccagtt cttagaactg 120
 gaacataata nccttacagg agtgaacagg gggnggctat atggcttgng aatgttacag 180
 cnactgnata tgagccagaa tggctattga aaantcagcc ccggtgcatg 230

<210> 1200
 <211> 189
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)

<223> n = A,T,C or G

<400> 1200

tcagcacctg	cccaccagta	atggaaactna	ctcnaagcat	acagngegtc	ctctcttgnt	60
catggccagg	nngcaagacg	cagnacaac	gcctgatgnc	agatgccggg	nttnagnana	120
ccnagcnntg	ccnagaggcc	tggcctccgn	gcacacaggat	gagancaaaag	agaacgactg	180
ggactggcc						189

<210> 1201

<211> 324

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 1201

tactgagcct	atatgaaaac	atctttaata	tggactggag	tgatgggttta	gtgggaagat	60
cacctgccat	gcaagcacga	aggctggagt	tttgacccac	agaatgcagt	ctgtaatcga	120
gagtctctgg	aagctcgtgg	gccgggtgta	tgaagtgggtg	acgagatcct	gtcttaaacc	180
agntagaagg	taagggtaga	caccagagt	tgttctttga	cctctataca	catgcgggtg	240
cacatggaca	actgtacaca	cataaacaca	aacatattaa	catacacaaa	tattaaataa	300
agatgtggga	gaatgaaaaa	aaaa				324

<210> 1202

<211> 515

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(515)

<223> n = A,T,C or G

<400> 1202

attactgatg	aacggtactc	cacgttatcg	ccagcatcgc	cctcacctcn	acgtgggact	60
cgccgaagga	tgcccaccat	cccangagga	tctngccaac	cctcacaaagg	cgnnagcaan	120
anccnccgca	caccgcgcgc	tncagcaaag	agganaatcn	attcatactg	aggtnatcnc	180
nacagagnat	ttgcttggn	cgccaatatc	ccnccgttct	tctgctcctc	cgtattaang	240
cannacttta	gnnggggagt	cccacttggtg	catacccttc	ttnacactca	ggngcagctt	300
ttgctagccg	gngcaaacct	cacagccagg	gggaggccct	tgtggacatn	ttctccttca	360
nnctgctttg	atntcctctg	gangnanggc	caaggtncca	agccttntna	ntttctccac	420
cctaaaantt	tttagcacgt	tccctgtatt	gacaccctgt	tactcggnaa	nanaangctc	480
ttnccttaca	ctgcctccaa	ccctacagac	cacct			515

<210> 1203

<211> 338

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(338)

<223> n = A,T,C or G

<400> 1203

gactgagggtg	gggtctttcc	cctggcttcc	tctgctgggc	ctcacctcct	tgttgacact	60
gaagaagcaa	aagaattgag	aaatctgggg	cagctgtgng	aatgcacact	gctgaggagg	120
agcagcccct	ggtaacttgg	caagctggta	gctcgctcgc	tcgctcagcc	gaatgggctg	180
aatgagtggg	ccagagcctg	agcgtgagcc	ggagcccagg	gtgcccattg	gtatcaccca	240
gccagaggta	aaagggcctg	gatgtctggg	agggtgggana	aaggtttagta	gattcaanag	300

gccaatgcct nactttgggc caaaaagaaa tacattgg

338

```
<210> 1204
<211> 316
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G
```

<400> 1204							
gactgaggtg	ctgctgtctg	gactcattgg	tgttgtttcc	tggaagaggc	ctctctcgct		60
tgtgattacc	tncttnatgc	tgttntcgnc	agtngncnng	atgctcaacc	tggcgggatac		120
natcctctcc	tgncagaacg	gcccagntng	gtcanctncc	tcaaaggcta	gccagtn gat		180
naagtgc tga	cagtngtgga	ggtntngcgt	atagnngtcn	agctgnanna	ccactnattc		240
ggatgcagga	actctcgggg	agacactgaa	gcttgaaccc	actagcagga	aaactgtaac		300
gctgtgcggc	tgacct						316

```
<210> 1205
<211> 212
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G
```

<400>	1205								
gcctccggcc	tcccctccaa	acctgcggtt	tcacctggat	gcacagggac	agggtgctgca			60	
gaaacctggg	atacacttgac	atcgggtgggt	accacccaca	cagccacaca	gacctttctac			120	
ttcctggtag	ctccagaagg	tgagggtgggc	acctttctcc	aggcaaaaaga	gaacccagag			180	
ttagcgggan	gtggaggcag	aatgacttta	at					212	

```
<210> 1206
<211> 141
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G
```

```
<400> 1206
gatctgtgtt gaccangtc ttnggggagc aaaagcatgg gtaggagtga cgacgncngn      60
ganagcttgg anaagagatn tcagacttac cttggntnag cgnnaccaat tattggctta    120
tatgaagaaa tggggagagt c                                     141
```

```
<210> 1207
<211> 407
<212> DNA
<213> Mus musculus
```

<400>	1207						
tgagggatac	tctgacaccc	agttcatcac	tgtgacagcc	cagtggagca	ctgtgacatc		60
acagtggagt	tatgacacaa	caatggagca	ttgtgacacc	acagtggagt	tctgagccac		120
cactctgaag	cactgtgaga	aaacattaca	gcactcttac	atcatcctgg	agcactggaa		180
cagtgcagta	tacctctgtg	ataccacagt	ggagcactgt	gacaccaaag	tggagcactg		240
tgacaccaa	gtggagcact	gtgacagcca	gtggaccact	gtgacataac	actggagtag		300
tgtgacacaa	tactcgagca	ctgtgacaga	accgtggagt	tctgagtcac	cactgtgcaq		360

cactgtgaca aaatattaca gcagtggttac accttcaaaa aaaaaaa

407

<210> 1208

<211> 305

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 1208

tccacacatg	cagcagctga	ggggctttat	agatcactaa	ttncngtcca	acgaatggnn	60
acantccact	tggtgncitt	cnagnntcna	gcaccaactc	nccaacacnn	atnttaccgn	120
naaccttngg	gccaananat	agncgatacg	ctggacccca	aatgattata	nancncacgc	180
ncttgagaat	tgccaattca	ggaagtgttg	ttgantgnga	atccatatac	nnctgcaccc	240
gcaatgggtca	ctcanactca	catagctgag	gctgctggct	gggttcccag	taaacgaagc	300
aaaaa						305

<210> 1209

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 1209

atgagcggga	ccgagtgcaa	aanaaacatt	caccaagtgg	gtcatcaaac	actngatgaa	60
ggncncang	cncagagcta	gaangcataa	tagatatgca	catt		104

090901 06101